* Depending on the software installed or your service provider or country, some of the descriptions in this guide may not match your phone exactly.
* Depending on your country, your phone and accessories may appear different from the illustrations in this guide.

SAMSUNG ELECTRONICS

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Samsung SGH-ZV10
User Guide

vodafone

Important safety **precautions**

☑ Failure to comply with the following precautions may be dangerous or illegal.

Drive safely at all times

Do not use a hand-held phone while driving. Park the vehicle first.

Switch off the phone when refuelling

Do not use the phone at a refuelling point (service station) or near fuels or chemicals.

Switch off in an aircraft

Wireless phones can cause interference. Using them in an aircraft is both illegal and dangerous.

Switch off the phone near all medical equipment

Hospitals or health care facilities may be using equipment that could be sensitive to external radio frequency energy. Follow any regulations or rules in force.

Interference

All wireless phones may be subject to interference, which could affect their performance.

Be aware of special regulations

Meet any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

Water resistance

Your phone is not water-resistant. Keep it dry.

Sensible use

Use only in the normal position (held to the ear). Avoid unnecessary contact with the antenna when the phone is switched on.

Emergency calls

Key in the emergency number for your present location, then press .

Keep your phone away from small children

Keep the phone and all its parts, including accessories, out of the reach of small children.

Accessories and batteries

Use only Samsung-approved accessories and batteries. Use of any unauthorised accessories could damage your phone and may be dangerous.

- The phone could explode if the battery is replaced with an incorrect type.
- Dispose of used batteries according to the manufacturer's instructions.

Qualified service

Only qualified service personnel may repair your phone.

For more detailed safety information, see "Health and safety information" on page 86.

About this Guide

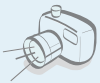
This User's Guide provides you with condensed information about how to use your phone. To quickly learn the basics for your phone, please refer to "Get started" and "Step outside the phone."

In this guide, the following instruction icons appear:

☑	Indicates that you need to pay careful attention to the subsequent information regarding safety or phone features.
▶	Indicates that you can get more information on the referenced page.
→	Indicates that you need to press the Navigation keys to scroll to the specified option and then select it.
[ ]	Indicates a key on the phone. For example, [↘]
< >	Indicates a soft key, whose function is displayed on the phone screen. For example, <**Menu**>

- **3G**
  Your phone is capable of operating in a 3G environment, allowing much greater data transfer speed, video streaming, and video conferencing.

Special features of your phone



- **Camera and camcorder**
  Use the camera module on your phone to take a photo or record a video.

- **Media player**
  Play media files on your phone.

- **File viewer**
  Open your documents and animations in various formats without corruption on the phone.

- **IrDA**
  Send and receive media files and Contacts and Calendar item via an infrared port.

- **Bluetooth**
  Transfer media files and personal data and connect to other devices using free, wireless Bluetooth technology.

- **Web browser**
  Access the wireless web and access various services and current information.

- **Get personal with photo caller ID**
  See who's calling you with their very own photo displays.

- **Photo printing**
  Print your photos to preserve your best moments forever.

- **Multimedia Message Service (MMS)**
  Send and receive MMS messages with a combination of text, images, and audio.

- **E-mail**
  Send and receive e-mails with images, video, and audio attachments.

- **Java**
  Enjoy Java™-based embedded games and download new games.

- **Calendar**
  Keep track of your daily, weekly, and monthly schedule.

- **Voice recorder**
  Record memos or sounds.

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Menu functions

To access Menu mode, press <**Menu**> in Idle mode.

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* Shows depending on the country.
** Shows only if supported by your USIM/SIM card.

Unpack

Make sure you have each item

Phone

Travel Charger

Battery

PC Data Cable

PC Link CD

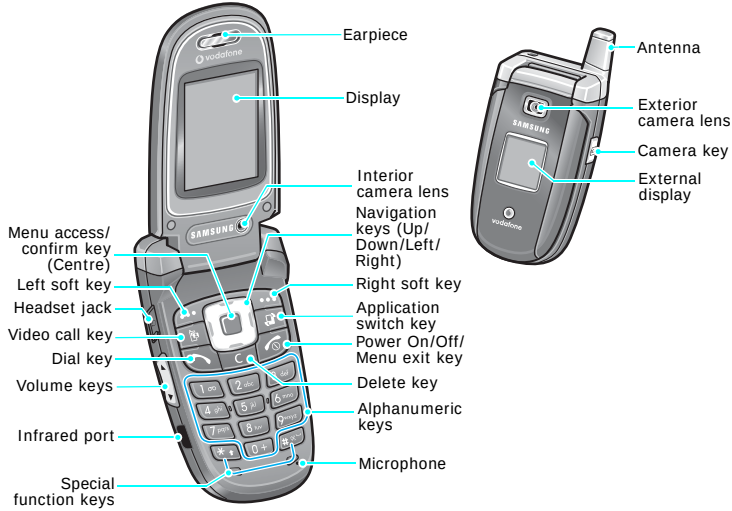
User's Guide

You can obtain various accessories from your local Samsung dealer.

☑ The items supplied with your phone and the accessories at your Samsung dealer may vary, depending on your country or service provider.

Your phone

Buttons, features, and locations



Get started

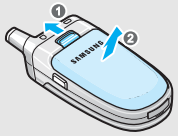
First steps to operating your phone

USIM/SIM card information

When you subscribe to a cellular network, you receive a plug-in SIM (Subscriber Identity Module) card loaded with your subscription details, such as your PIN and available optional services. For 3G services, you can purchase an USIM (Universal Subscriber Identity Module) card.

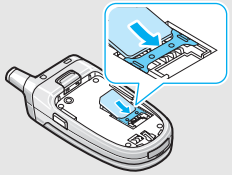
Install and charge the phone

1 Remove the battery.



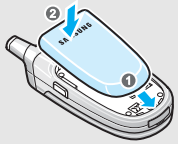
☑ If the phone is already on, first turn it off by pressing and holding [ ].

2 Insert the SIM card.

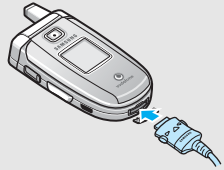


☑ Make sure that the gold-coloured contacts on the card face down into the phone.

3 Install the battery.



4 Plug the travel charger into the phone.



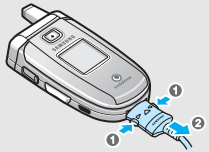
5 Plug the charger into a standard AC wall outlet.

The LED on the charger indicates the charging progress.

- Red: the battery is being charged.
- Green: the battery is completely charged.
- Orange: the battery is not correctly installed or is operating at a too high or too low temperature.

6 When the phone is completely charged (green charger LED), unplug the charger from the power outlet.

7 Remove the charger from the phone.



Low battery indicator

When the battery is low:

- a warning tone sounds,
- the battery low message displays, and
- the empty battery icon blinks.

If the battery level becomes too low, the phone automatically turns off. Recharge your battery.

Power on or off

Power on	1. Open the phone.
	2. Press and hold [ ] to turn on the phone.
Do not turn on the phone when mobile phone use is prohibited.	3. If necessary, enter the PIN and press <**Confirm**>.
Power off	1. Open the phone.
	2. Press and hold [ ].

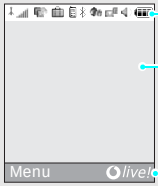
Keys and display

Keys

	Perform the function indicated on the bottom line of the display.
	In Idle mode, access your favourite menu options directly. ▸ p. 73 In Menu mode, scroll through the menu options.
	In Idle mode, access Menu mode. In Menu mode, select a highlighted menu option.
	Open the application switch window to open **Call**, **Messaging**, and **Vodafone live!** without exiting the current application.
	Make a video call.
	Make or answer a call. In Idle mode, retrieve the recent numbers dialled, missed, or received.
	Delete characters from the display.
	End a call. Press and hold to switch the phone on and off. In Menu mode, cancel input and return the phone to Idle mode.
	Enter numbers, letters, and some special characters. In Idle mode, press and hold [**1**] to access your voicemail server. Press and hold [**0**] to enter an international call prefix.
	Enter special characters. In Idle mode, press and hold [#] to activate or deactivate the Silent profile. Press and hold [*] to enter a pause.
	Adjust the phone volume. In Idle mode, adjust the keypad tone volume. With the phone closed, press and hold to activate the external display.
	Press and hold to turn the camera on. In Camera mode, take a photo and record a video.

Display

Layout



Icons
displays various icons.

Text and graphics
displays messages, instructions, and information you enter.

Soft key function indicators
shows the current functions assigned to the two soft keys.

Icons

- Received signal strength
- Accessing services in a 2.5G network; when transferring data, this icon animates
- Accessing services in a 3G network; when transferring data, this icon animates
- Active roaming network
- Voice call in progress
- Out of your service area; you cannot send or receive voice calls
- Video call in progress
- Out of your service area; you cannot send or receive video calls
- Bluetooth feature activated ▶ p. 78
- IrDA port active ▶ p. 80
- Connected with a computer via a USB port
- Browsing the Internet on a computer using the phone as a modem
- Connected to a secured web page
- New message; if the Inbox is full, each message icon turns red.
  - : SMS
  - : MMS or MMS with attachments
  - : E-mail
  - : Voicemail
  - : Push message
  - : Configuration message

Profile setting ▶ p. 72

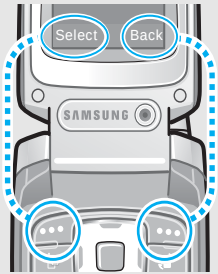
- : Normal
- : Silent
- : Car
- : Meeting
- : Outdoor
- : Flight

Battery power level

Access menu functions

Use the soft keys

The roles of the soft keys vary depending on the function you are using. The bottom line of the display indicates their current role.



Press the left soft key to select the highlighted option

Press the right soft key to return to the previous menu level.

Select an option	1. Press the appropriate soft key. 2. Press the Navigation keys to move to the next or previous option. 3. Press <**Select**>, <**OK**>, or [Centre] to confirm the function displayed or option highlighted. 4. To exit, choose either of the following methods: • Press <**Back**> to move up one level. • Press [ ] to return to Idle mode.
Use shortcuts	Press the number key corresponding to the option you want. For the index numbers, 10, 11, and 12, press [**0**], [*], and [#], respectively.

Customise your phone

Display language

1. In Idle mode, press <**Menu**> and select **Settings** → **Phone settings** → **Phone language** → **Screen text**.
2. Select a language.
3. Press <**Options**> and select **Save**.

Call ringer melody

You can change the call ringer by changing the properties of the currently active sound profile.

To change the profile properties:

1. In Idle mode, press <**Menu**> and select **Settings** → **Phone settings** → **Phone profiles**.
2. Scroll the sound profile you are using.
3. Press <**Options**> and select **Edit**.
4. Select **Voice call ringtone** and select a ringer for voice calls.

5. Select **Video call ringtone** and select a ringer for video calls.
6. Press <**Options**> and select **Save**.

To select the sound profile:

1. In Idle mode, press <**Menu**> and select **Settings** → **Phone settings** → **Phone profiles**.
2. Select the profile you want.

Idle mode wallpaper

You can set wallpaper for the idle screen.

To select a wallpaper image:

1. In Idle mode, press <**Menu**> and select **My files** → **Pictures**.
2. Select an image.
3. Press <**Options**> and select **Set as** → **Wallpaper**.
4. Press <**Set**> or [Centre].

To display the selected wallpaper image:

1. In Idle mode, press <**Menu**> and select **Settings** → **Display settings** → **Wallpaper**.
2. Select **Pictures**.

Silent mode

You can quickly activate the Silent profile to avoid disturbing other people.

Press and hold [#] in Idle mode.

Phone lock

You can protect the phone against unauthorised use with a phone password. The phone will require the password on power-up.

1. In Idle mode, press <**Menu**> and select **Settings** → **Security** → **Change phone password**.
2. Enter the default password, **00000000**, and press <**Confirm**>.
3. Enter a new 4- to 8-digit password and press <**Confirm**>.
4. Enter the new password again and press <**Confirm**>.
5. Select **Phone lock**.
6. Select **Enable**.
7. Enter the password and press <**Confirm**>.

Make / Answer calls

Make a call

To make a voice call:

1. Enter an area code and phone number.
2. Press [ ].
3. To end the call, press [ ].

To make a video call:

1. Enter an area code and phone number.
2. Press [ ], and the other person appears on the screen.

Answer a call

1. When the phone is ringing, press [ ].
2. For a video call, when a “Allow own picture to be shown” message appears, select **Yes** to allow the other person to see you.
3. To end the call, press [ ].

Adjust the volume during a call

Press [/].

Step outside the phone

Begin with your camera, web browser, and other special features

Use camera

Take a photo

1. In Idle mode, press and hold [ ] to turn on the camera.
2. Press [ ] to switch between the interior lens and exterior lens.
3. Aim the camera lens at the subject and adjust the image.
4. Press [Centre] to take a photo. The photo is saved automatically.
5. Press < > to take another photo.

View a photo

1. In Idle mode, press <**Menu**> and select **My files** → **Pictures**.
2. Select the photo you want.

Record a video

1. In Idle mode, press and hold [📷] to turn on the camera.
2. Press [Right] to switch to Record mode.
3. Press [📷] to switch between the interior lens and exterior lens.
4. Aim the camera lens at the subject and adjust the image.
5. Press [Centre] to start recording.
6. Press [Centre] to stop recording. The video is automatically saved.
7. Press <**Back**> to record another video.

Play a video

1. In Idle mode, press <**Menu**> and select **My files** → **Videos**.
2. Select the video you want.

Play media files

Copy media files to the phone

Use these methods:

- Download from the wireless web ▶ p. 31
- Download from a computer using Samsung PC Studio ▶ Samsung PC Studio User's Guide
- Receive via IrDA or Bluetooth ▶ p. 78, p. 80

Create a music play list

1. In Idle mode, press <**Menu**> and select **Media player**.
1. Scroll to the **Music** tab.
2. Press <**Options**> and select **Create playlist**.
3. Enter a name for the play list and press <**Save**>.
4. Select the play list you just created.
5. Press <**Options**> and select **Add** → **Playlist** or **Files**.
6. Select a play list, or specific files you want to add to the play list and press <**Save**>.

Play media files

1. Select the file you want to play.
2. For music files, select a play list in which you want to play music files and select a file.
3. During playback, use the following keys:
   - Centre: pauses or resumes playback.
   - Up: opens the play list.
   - Left: goes to the previous file. Moves backward in a file when held down.
   - Right: goes to the next file. Moves forward in a file when held down.
   - ▲/▼: adjusts the volume.
   - Down: stops playback.

Browse the web

Using a built-in web browser, you can get easy access to the wireless web to receive a variety of up-to-date information and services and to enjoy downloads of web contents.

Launch the web browser

In Idle mode, press <*live!*>.

Navigate the web browser

- To scroll through browser items, press [Up] or [Down].
- To select an item, press [Centre].
- To return to the previous page, press <**Back**>.
- To use browser options, press <**Options**>.

Use Contacts

Add a contact

To the phone's memory:

1. In Idle mode, enter a phone number.
2. Press <**Options**> and select **Add to Contacts** → **Phone** → **New** → a number type.
3. Specify the contact information: First name, Last name, Display name, Mobile-private, Landline-private, Landline-business, Email, Homepage, Group, Caller ID, Ringtone, Message tone, Address-private (if provided), Birthday, and Note.
4. Press [Centre] to save the entry.

To the SIM card:

1. In Idle mode, enter a phone number.
2. Press <**Options**> and select **Add to Contacts** → **SIM** → **New**.
3. Specify the contact information, depending on your card type (SIM/USIM): Name, Phone number, Group, and Location.
4. Press [Centre] to save the entry.

Find a contact

1. In Idle mode, press <**Menu**> and select **Contacts**.
2. Select a contact from the Contacts list.
3. Select a number and press [↘] to dial, or [Centre] to edit contact information.

Create and send your name card

1. In Idle mode, press <**Menu**> and select **Contacts** → the **Contacts** tab.
2. Press <**Options**> and select **My contact details**.
3. Specify your contact information.
4. Press [Centre] to save the name card.
5. To send the name card to other people, access your name card. Press <**Options**> and select **Send my contact details** → the sending method you want.

Send messages

Send a text message (SMS)

1. In Idle mode, press <**Menu**> and select **Messaging** → **Create message** → **Message**.
2. Enter your message.
3. When you have finished, press [Centre] and select **Add recipients** → a recipient adding option.
4. If you select **Contacts** or **Group**, select a contact or group.

   To send the message, press [Centre] and select **Send**.
5. If you select **Manually**, enter a recipient's number.

   To send the message, press [Centre].

Send a multimedia message (MMS)

1. In Idle mode, press <**Menu**> and select **Messaging** → **Create message** → **Message**.
2. Enter your message.
3. Press <**Options**> to access the following options:
   - **Add item**: add a text, picture, sound, video, name card, or calendar item.
   - **Create item**: create a new item and add it.
   - **Insert**: add a text template, emoticon, contact entry, or bookmark.
4. When you have finished, press [Centre] and select **Add recipients** → a recipient adding option.
5. If you select **Contacts** or **Group**, select a number or e-mail address, or group.

   To send the message, press [Centre] and select **Send**.
6. If you select **Manually**, enter a recipient's number or e-mail address.

   To send the message, press [Centre].

Send a postcard

You can send a postcard via the postal service, if your country supports it.

1. In Idle mode, press <**Menu**> and select **Messaging** → **Create message** → **live! Postcard**.
2. Enter your message.
3. Select **Picture** and select an image.
4. When you have finished, select **[Recipient]** and select a recipient adding option.
5. If you select **Contacts**, select a postal address.

   To send the postcard, press [Centre] and select **Send**.
6. If you select **New address**, specify the destination information: Name, Additional information, Address, Post Code, City, County, and Country.

   To send the postcard, press [Centre].

Send an e-mail

1. In Idle mode, press <**Menu**> and select **Messaging** → **Create message** → **Email**.
2. Enter the e-mail text.
3. Press <**Options**> to access the following options:
   - **Add item**: add a media file, name card, or calendar item.
   - **Create item**: create a new item and add it.
   - **Insert**: add a text template, emoticon, contact entry, or bookmark.
4. When you have finished, press [Centre] and select **Add recipients** → a recipient adding option.
5. If you select **Contacts** or **Group**, select a contact or group.

   To send the e-mail, press [Centre] and select **Send**.
6. If you select **Manually**, enter a recipient's e-mail address.

   To send the e-mail, press [Centre].

View messages

View a text message

When a notification appears:

1. Press <**View**>.
2. Select the message from the Inbox.

From the Inbox:

1. In Idle mode, press <**Menu**> and select **Messaging** → **Inbox**.
2. Select a text message ( ).

View a multimedia message

When a notification appears:

1. Press <**View**>.
2. Select the message from the Inbox.

From the Inbox:

1. In Idle mode, press <**Menu**> and select **Messaging** → **Inbox**.
2. Select a multimedia message ( ).

View an e-mail

1. In Idle mode, press <**Menu**> and select **Messaging** → **Email inbox**.
2. Press <**Options**> and select **Download**.
3. Select an e-mail or header.
4. If you selected a header, press <**Options**> and select **Retrieve**.

Use Bluetooth wireless

Your phone is equipped with Bluetooth technology which enables you to connect the phone wirelessly to other Bluetooth devices and exchange data with them, talk hands-free, or control the phone remotely.

Turn on Bluetooth

In Idle mode, press <**Menu**> and select **Settings** → **Connectivity** → **Bluetooth** → **Activation** → **On**.

Search for and pair with a Bluetooth device

1. In Idle mode, press <**Menu**> and select **Settings** → **Connectivity** → **Bluetooth** → **My devices** → **Search for new device**.
2. Select a device.
3. Enter a Bluetooth PIN or the other device's Bluetooth PIN, if it has, and press <**OK**>.

   When the owner of the other device enters the same code, the pairing is complete.

Send data

1. Access an application, **Contacts**, **My files**, or **Calendar**.
2. Select the item you want to send.
3. Press <**Options**> and select **Send contact details**/**Send schedule**/**Send task** → **Via bluetooth**.
4. Select a device.
5. If necessary, enter the Bluetooth PIN and press <**OK**>.

Receive data

1. Activate the Bluetooth feature.
2. Set your phone to be visible to other Bluetooth devices in the **My phone's visibility** option.
3. Leave the phone open until other Bluetooth devices search your phone.
4. If necessary, press <**Yes**> to confirm the reception.

Enter text

ABC, T9, Number, and Symbol modes

You can enter text for some features such as Messaging, Contacts, or Calendar, using ABC mode, T9 mode, Number mode, and Symbol mode.

Changing the text input mode

- Press and hold [*] to switch between T9 (T9英Ab) and ABC (Abc) modes.
- Press [*] to change case or to switch to Number mode (123).
- Press and hold [#] to switch to Symbol mode (SYM).

Using T9 mode

T9 is a predictive text input mode that allows you to key in any character using single keystrokes.

Entering a word in T9 mode

1. Press [**2**] to [**9**] to start entering a word. Press each key once for each letter.

   For example, press [**4**], [**3**], [**5**], [**5**], and [**6**] to enter *Hello* in T9 mode.

   T9 predicts the word that you are typing, and it may change with each key that you press.
2. Enter the whole word before editing or deleting characters.
3. When the word displays correctly, go to step 4. Otherwise, press [**0**] to display alternative word choices for the keys that you have pressed.

   For example, *Of* and *Me* use [**6**] and [**3**].
4. Press [#] to insert a space and enter the next word.

Tips for using T9 mode

- Press [**1**] to enter periods or apostrophes automatically.
- Press [#] to insert a space.
- Press the Navigation keys to move the cursor.
- Press [**C**] to delete characters one by one. Press and hold [**C**] to clear the entire display.

Adding a new word to the T9 dictionary

This feature may not be available for some languages.

1. Enter the word that you want to add.
2. Press [**0**] to display alternative words for your key presses. When there are no more alternative words, **Spell** displays on the bottom line.
3. Press <**Spell**>.
4. Enter the word you want using ABC mode and press <**Add**>.

Using ABC mode

Press the appropriate key until the character you want appears on the screen.

Key	Characters in order displayed	
	Upper case	Lower case
1	. , ? / ! ' @ _ - : 1	
2	A B C Å Ä Æ Ç 2	a b c å ä à æ ç 2
3	D E F É Δ Φ 3	d e f è é Φ 3
4	G H I Γ 4	g h i ì Γ 4
5	J K L Λ 5	j k l Λ 5
6	M N O Ö Ñ Ø Ω 6	m n o ö ñ ø ò Ω 6
7	P Q R S Π Σ Ψ 7	p q r s ß Σ Ψ 7
8	T U V Ü Θ 8	t u v ù ü Θ 8
9	W X Y Z Ξ 9	w x y z Ξ 9
0	+ = < > € £ $ % & ¥ ¤ 0	

(creating an SMS message with GSM alphabet encoding)

Tips for using ABC mode

- To enter the same letter twice or to enter a different letter on the same key, wait for the cursor to move to the right automatically or press [Right]. Then, enter the next letter.
- Press [#] to insert a space.
- Press the Navigation keys to move the cursor.
- Press [**C**] to delete characters one by one. Press and hold [**C**] to clear the entire display.

Using Number mode

Number mode enables you to enter numbers. Press the keys corresponding to the digits you want.

Using Symbol mode

Symbol mode enables you to insert symbols.

To	Press
display more symbols	[Up] or [Down].
select a symbol	the corresponding number key.
clear the symbol(s)	[**C**].
insert the symbol(s)	<**OK**>.

Call functions

Advanced calling features

Making a call

1. In Idle mode, enter the area code and phone number.
2. Press [↘].

- Press [**C**] to clear the last digit or press and hold [**C**] to clear the whole display. You can move the cursor to edit an incorrect digit.
- Press and hold [✳] to enter a pause.

Making an international call

1. In Idle mode, press and hold [**0**]. The **+** character appears.
2. Enter the country code, area code, and phone number, then press [↘].

Redialling recent numbers

1. In Idle mode, press [↘] to display the list of recent numbers.
2. Scroll to the number you want and press [↘].

Making a call from Contacts

Once you have stored a number in Contacts, you can dial the number by selecting it from Contacts.
▶ p. 70

You can also use the speed dial feature to assign your most frequently called numbers to specific number keys. ▶ p. 77

You can quickly dial a number from the USIM/SIM card using its location number assigned when stored.

1. In Idle mode, enter the location number for the phone number you want and press [#].
2. Scroll to the number you want
3. Press <**Call**> or [↘] to make a voice call, or <**Video call**> or [📹] to make a video call.

Ending a call

Press [↙] or close the phone.

Answering a call

When you receive an incoming call, the phone rings and displays the incoming call image.

Press [↘] or <**Accept**> to answer the call.

Tips for answering a call

- When **Anykey answer** is active, you can press any key to answer a call, except for [↙], <**Reject**>, and [▲/▼]. ▶ p. 73
- When **Active folder** is active, you can answer a call by opening the phone. ▶ p. 73
- Press <**Reject**> or [↙] to reject a call.

- Press and hold [▲/▼] to reject an incoming call or mute the ringer, depending on the **Side key** setting. ▶ p. 73

Viewing missed calls

If you have missed calls, the screen displays how many calls you have missed.

1. Press <**View**>.
2. If necessary, scroll through the missed calls.
3. Press [ ] to dial the number you want.

Using the headset

Use the headset to make or answer calls without holding the phone.

Connect the headset to the jack on the left side of the phone.

The button on the headset work as listed below:

To	Press
redial the last call	the button twice.
answer a call	the button.
end a call	the button.

Options during a call

You can access a number of functions during a call.

Adjusting the volume during a call

Use [▲/▼] to adjust the earpiece volume during a call.

Press [▲] to increase the volume level and [▼] to decrease the volume level.

Placing a call on hold/Retrieving

Press <**Hold**> or <**Retrieve**> to place the call on hold or retrieve the call.

Making a second call

You can make another call if your network supports it.

1. Press <**Hold**> to put the call on hold.
2. Make the second call in the normal way.
3. Press <**Swap**> to switch between the calls.
4. Press <**Options**> and select **End** → **Held call** to end the call on hold.
5. To end the current call, press [ ].

Answering a second call

You can answer an incoming call while already on the phone, if your network supports it and you have activated the call waiting feature. ▶ p. 76

1. Press [ ] to answer the call. The first call is automatically put on hold.

2. Press <**Swap**> to switch between the calls.
3. Press <**Options**> and select **End** → **Held call** to end the call on hold.
4. To end the current call, press [ ].

Using the speakerphone feature

Use the speakerphone feature to talk and listen with the phone a short distance away.

Press <**Options**> and select **Speaker on**, or press [Centre].

Using a Bluetooth headset or hands-free car kit

Use an optional Bluetooth headset or hands-free car kit to talk on the phone without holding the phone to your ear. To use this feature, you first need to register your headset or hands-free car kit and connect it to the phone. ▶ p. 78

Press <**Options**> and select **Switch to headset**.

To switch the call back to the phone, press <**Options**> and select **Switch to phone**.

Using Contacts

You can access the **Contacts** menu to locate or store contacts in Contacts. ▶ p. 69

Press <**Options**> and select **Contacts**.

Sending a text message

You can create and send a text message to other people as well as to your current call participants.

Press <**Options**> and select **Create message**. ▶ p. 42

Sending a sequence of DTMF tones

Dual tone multi-frequency (DTMF) tones are the tones used in phones for tone dialling.

You can send DTMF tones as a group after entering the entire number you need to send or retrieving a number from Contacts. This feature is helpful for entering a password or an account number when you call an automated system, like a banking service.

1. When connected with a teleservice system, press <**Options**> and select **Send DTMF**.
2. Enter the number you need to send and press <**Send**>.

Switching off the microphone (Mute mode)

You can temporarily switch off your phone's microphone so that the person on the phone cannot hear you.

1. Press <**Options**> and select **Mute**.
2. Press [Centre] to check **Voice** and press <**OK**>.

Muting key tones

You can turn the key tones off or on.

1. Press <**Options**> and select **Mute**.
2. Press [Centre] to check **Key tone** and press <**OK**>.

To communicate with answering machines or computerised telephone systems, **Key tone** must be active.

Adding a memo

You can write a memo during a call.

Press <**Options**> and select **Memo**. ▶ p. 64

Making a multi-party call

Use this feature to allow as many as five people to join a multi-party call, or conference call.

Vodafone must support multi-party calls for you to use this feature.

Setting up a multi-party call

1. Call the first participant.
2. Call the second participant. The first call is automatically put on hold.
3. Press <**Options**> and select **Join**. The first participant is added to the multi-party call.
4. If desired, call another person or answer an incoming call.
5. Press <**Options**> and select **Join**.
6. Repeat steps 4 and 5 as desired.

Having a private conversation with one participant

1. Press <**Options**> and select **Split**.
2. Select a name or number from the participant list.

   You can talk privately with that person, while the other participants converse with each other.
3. To return to the multi-party call, press <**Options**> and select **Join**.

Disconnect one participant

1. Press <**Options**> and select **End** and then **Select participant**.
2. Select a name or number from the participant list.

   The participant is disconnected from the call, but the call continues with the other parties.
3. Press [ ] to end the multiparty call.

Using the video call feature

In a 3G (UMTS) service area, your phone can make or receive a video call which allows you to see another person on the screen during a conversation. The other person's phone must support the video call feature.

Making a video call

1. In Idle mode, enter the area code and phone number.
2. Press [ ].

Answering a video call

When you receive a video call, answer a video call as receiving a voice call. When a “Allow own picture to be shown” message appears, select **Yes** to allow the caller to see you via the camera.

Using video call options

During a video call, press <**Options**> to access the following options:

- **Speaker on**/**Normal**: turn the speakerphone on or off.
- **Switch to headset**/**Switch to phone**: switch the call to a Bluetooth headset or hands-free car kit, or back to the phone.
- **Hide call infobar**/**Show call infobar**: hide or display the information bar on the display.
- **Hide information**/**Show information**: hide or display the caller’s phone number, or name if saved in Contacts.
- **Mute**: turn off the microphone, camera, or key tones.
- **Display options**: access the camera settings for the video call.

  Effects: change the colour tone of the image.

  Quality: change the image quality.

  Brightness: display the brightness control bar.
- **Zoom**: display the zoom control bar.
- **Settings**: change the default settings for the video call feature. ▶ p. 75
- **Contacts**: locate or store contacts in Contacts.
- **Add to Contacts**: add the currently dialled number to Contacts, if not saved.
- **Create SMS**: create and send a text message to other people as well as to your current call participant.
- **Send DTMF**: send Dual tone multi-frequency (DTMF) tones as a group after entering the entire number you need to send or retrieving a number from Contacts.
- **Memo**: write a memo.
- **Details**: display the currently dialled number details, if saved in Contacts.

Managing call records

You can view the calls you have dialled, received, or missed, the length of your calls, and the cost of your calls, if your USIM/SIM card support it.

Accessing recent call records

You can access the most recent calls you have dialled, received, or missed.

1. In Idle mode, press [↘].
2. Press [Left] or [Right] to select a call type.
3. Press [Up] or [Down] to scroll to a call record.
4. Press [↘] to dial the number, or [Centre] to view the call details.

Using call record options

While viewing the call list, press <**Options**> to access the following options:

- **View**: display the call details.
- **Voice call**: make a voice call.
- **Video call**: make a video call.
- **Add to Contacts**: (for numbers not saved in Contacts) save the selected number in Contacts.
- **Create message**: send a text message to the selected number.
- **Delete**: delete the call record or all records.
- **Add to reject list**: add the selected number to the list of phone numbers from which calls are rejected.
- **View contact details**: (for numbers saved in Contacts) display the contact details.
- **Call manager**: view the length and cost of your calls.

  Data counter: check the total amount of data you have sent or received.

  Call costs: check the cost of calls.

  Call times: check the length of calls.

Accessing data call records

You can view the total amount of data you have sent or received.

1. While viewing the call list, press <**Options**> and select **Call manager**.
2. Select **Data counter**.

To reset a counter or all counters, press <**Options**> and select **Reset** or **Reset all**.

Checking call cost

You can check the cost of calls, if your USIM/SIM card supports this network feature. Note that this is not intended to be used for billing purposes.

1. While viewing the call list, press <**Options**> and select **Call manager**.
2. Select **Call costs**.
   - **Total costs**: check the total cost of all your calls. If the total cost exceeds the maximum cost set in **Edit cost limit**, you must reset the counter before you can make another call.
   - **Last call cost**: check the cost of your last call.
   - **Cost limit**: check the maximum cost set.

Press <**Options**> to access the following options:

- **Reset call cost**: reset the cost counters.
- **Edit cost limit**: set the maximum cost authorised for your calls.
- **Setup currency**: set the price per unit that is applied when the cost of your call is calculated.

Accessing the call time log

You can access the call time log for voice, video, and data calls you have dialled and received. The actual time invoiced will vary.

1. While viewing the call list, press <**Options**> and select **Call manager**.
2. Select **Call times**.
   - **Total dialled**: check the total length of voice calls dialled.
   - **Total received**: check the total length of voice calls received.
   - **Total video calls dialled**: check the total length of video calls dialled.
   - **Total video calls received**: check the total length of video calls received.

   To reset a counter or all counters, press <**Options**> and select **Reset** or **Reset all**.

Menu functions

All menu options listed

Entertainment *(Menu 1)*

Use this menu to access and play the embedded Java games in the phone's memory. You can also download games from the web page provided by Vodafone.

To access this menu, press <**Menu**> in Idle mode and select **Entertainment**. ▶ p. 57

Vodafone live! *(Menu 2)*

Using the **Vodafone live!** menu, you can launch the web browser on your phone and access to the homepage of Vodafone. You can access up-to-date information and a wide variety of media content, such as wallpapers, ringtones, and music files.

To access this menu, press <**Menu**> in Idle mode and select **Vodafone live**!.

☑ Available menus may vary, depending on the country.

Vodafone live! *(Menu 2.1)*

You can launch the web browser and access the homepage of Vodafone.

☑ You can quickly access this menu by pressing < *live!* > in Idle mode.

Navigating the web browser

To	Press
scroll through browser items	[Up] or [Down].
select a browser item	[Centre].
return to the previous page	<**Back**>.

Using browser menu options

From any web page, press <**Options**> to access the following browser options:

- **Go to**: go to the currently linked web page.
- **Go**: take you to the previous or next web page.
- **Reload**: reload the current page with updated information.
- **To Desktop View**/**To SmartFit View**: change the display view mode.
- **Go to homepage**: take you back to the homepage.
- **Bookmark**: add the current page to your bookmark list or access the bookmark list.
- **Enter URL**: manually enter the URL address of the web page you want to access.
- **Send URL**: send the URL of the current page via SMS, MMS, or e-mail.
- **Save**: save the images of the current page or the current page.
- **Saved pages**: access the web pages you have saved.
- **History**: show URLs previously visited.
- **Advanced**: access the advanced browser options.

  Empty cache: delete information stored in the cache.

  Empty cookies: delete cookies.

  Cookie options: set whether or not cookies are stored. If you select **Prompt**, the phone will ask you to save the cookies of the current page.

  Preferences: change the settings for the web browser to suit your preference.

  - **JavaScript**: set the web browser to use Java scripts.
  - **Display images**: display images linked to the current page.
  - **Play sound**: play sound files linked to the current page.

  Certificates: access the web browser certificate.

Page details: access the properties of the current page.

About browser: access the web browser information.

Exiting the web browser

Press [ ] to exit the browser.

Enter URL *(Menu 2.2)*

You can enter the URL of a web page in order to quickly access the page you want.

Bookmarks *(Menu 2.3)*

You can bookmark and manage the URLs of web pages you frequently access. You can also send the URLs of bookmarked pages via SMS, MMS, or e-mail.

Saved pages *(Menu 2.4)*

You can access the web pages you have saved.

History *(Menu 2.5)*

You can access the web pages you have recently accessed.

Advanced *(Menu 2.6)*

You can access the advanced browser options.

- **Empty cache**: delete information stored in the cache.
- **Empty cookies**: delete cookies.
- **Cookie options**: set whether or not cookies are stored. If you select **Prompt**, the phone will ask you to save the cookie of the current page.
- **Preferences**: change the settings for the web browser to suit your preference.

  JavaScript: set the web browser to use Java scripts.

  Display images: display images linked to the current page.

  Play sound: play sound files linked to the current page.
- **About browser**: access the web browser information.

Browser settings *(Menu 2.7)*

Use this menu to select a network connection profile to be used for connecting to the Internet. You can also make or edit a profile. ▶ p. 81

What's new *(Menu 2.8)*

Use this menu to access the website preset by Vodafone to get new information or download new applications.

Games *(Menu 2.9)*

Use this menu to access the website preset by Vodafone and download new games.

Ringtones *(Menu 2.10)*

Use this menu to access the website preset by Vodafone and download ringtones.

Pictures *(Menu 2.11)*

Use this menu to access the website preset by Vodafone and download pictures.

News *(Menu 2.12)*

Use this menu to access the website preset by Vodafone and download recent news.

Sports *(Menu 2.13)*

Use this menu to access the website preset by Vodafone and download sports news.

Media player *(Menu 3)*

Use this menu to enjoy media files, such as music files and video clips, you have received from various sources. Using the Media player, you can also play the video clips you have recorded.

To access this menu, press <**Menu**> in Idle mode and select **Media player**.

Downloading or receiving media files

Use these methods to save media files to your phone:

- Download from the wireless web ▶ p. 31

  You can also download from the specified web page by selecting **More music** or **More videos** in the Media player.
- Download from a computer using Samsung PC Studio ▶ Samsung PC Studio User's Guide
- Receive via IrDA or Bluetooth ▶ p. 78, p. 80

Playing music files

Using the Media player, play music files.

Creating a music play list

Create a play list and add music files.

1. Scroll to the **Music** tab.
2. Press <**Options**> and select **Create playlist**.

3. Enter a name for the play list and press <**Save**>.
4. Select the play list you just created.
5. Press <**Options**> and select **Add** and then **Playlist** or **Files**.
6. For **Playlist**, select the play list from you want.

   For **Files**, press [Centre] to select specific files you want to add to the selected play list and press <**Save**>.

Playing a music file

1. From the Media player screen, scroll to the **Music** tab.
2. Select a play list in which you want to play music files and select a file. The file plays.

During playback, use the following keys:

Keys	Function
Centre	Pauses or resumes playback.
Up	Opens the play list.
Left	Goes to the previous file. Moves backward in a file when held down.
Right	Goes to the next file. Moves forward in a file when held down.
▲/▼	Adjusts the volume.
Down	Stops playback.

Using music player options

Options during playback

During playback, press <**Options**> to access the following options:

- **Pause**/**Resume**: pause or resume playback.
- **Stop**: stop playback.
- **Add bookmark**: save the current streaming page as a bookmark.
- **View bookmark**: display the URLs you have bookmarked for streaming media files.
- **View history**: display the URLs from which you have received streaming media services.
- **Open playlist**: open the play list.
- **Details**: access the file details.
- **Player settings**: change the default settings for playing music files.

  Repeat: select a repeat mode.

  Volume: select a volume level.

  Show controller: display or hide the control bar of the Media player.

  Audio Skin: select a player skin.

Options from the play list

From the **All music** play list, scroll to a file and press <**Options**> to access the following options:

- **Play**: play the currently selected file.
- **View bookmark**: display the URLs you have bookmarked for streaming media files.

- **View history**: display the URLs from which you have received streaming media services.
- **Add to playlist**: add the selected file or specific files to the play list.
- **Play by**: categorise files by album, artist, or genre.
- **Send**: send the file via MMS, e-mail, Bluetooth, or the infrared port. You can also send the file to the online media album, if provided. ▶ p. 61
- **Set as**: set the file as a ringer melody for a voice call or video call, or as a caller alert melody.
- **Delete**: delete the selected file or all files from the play list.
- **Rename**: change the file name.
- **Lock**/**Unlock**: lock the file to prevent it from being deleted, or unlock the file.
- **Details**: access the file details.

From the play list, scroll to a file and press <**Options**> to access the following options:

- **Play**: play the currently selected file.
- **Add**: add a play list or specific files to the play list.
- **Move track in playlist**: move the selected file to the position you want within the play list.
- **Send**: send the file via MMS, e-mail, Bluetooth, or the infrared port. You can also send the file to the online media album, if provided. ▶ p. 61
- **Set as**: set the file as a ringer melody for a voice call or video call, or as a caller alert melody.
- **Remove**: remove the selected file or all files from the play list.
- **Details**: access the file details.

Playing video clips

Using the Media player, play video clips.

Playing a video clip

1. From the Media player screen, scroll to the **Video** tab.
2. Select a file. The file plays.

During playback, use the following keys:

Keys	Description
Centre	Pauses or resumes playback.
Left	Goes to the previous file. Moves backward in a file when held down.
Right	Goes to the next file. Moves forward in a file when held down.
▲/▼	Adjusts the volume.
Down	Stops playback.

Using video player options

During playback, press <**Options**> to access the following options:

- **Pause**/**Resume**: pause or resume playback.
- **Stop**: stop playback.

- **Add bookmark**: save the current streaming page as a bookmark.
- **View bookmark**: display the URLs you have bookmarked for streaming media files.
- **View history**: display the URLs from which you have received streaming media services.
- **Details**: access the file details.
- **Player settings**: change the default settings for playing music files.

  Repeat: select a repeat mode.

  Volume: select a volume level.

  Show controller: display or hide the control bar of the Media player.

  Audio Skin: select a player skin.

From the file list, scroll to a file and press <**Options**> to access the following options:

- **Play**: play the currently selected file.
- **View bookmark**: display the URLs you have bookmarked for streaming media files.
- **View history**: display the URLs from which you have received streaming media services.
- **Send**: send the file via MMS, e-mail, Bluetooth, or the infrared port. You can also send the file to the online media album, if provided. ▶ p. 61
- **Delete**: delete the selected file or all files.
- **Rename**: change the file name.
- **Lock**/**Unlock**: lock the file to prevent it from being deleted, or unlock the file.
- **Details**: access the file details.

Camera *(Menu 4)*

You can use the camera module embedded on your phone to take photos and record videos.

To access this menu, press <**Menu**> in Idle mode and select **Camera**, or press and hold [📷].

- Do not take photos of people without their permission.
- Do not take photos in a place where cameras are not allowed.
- Do not take photos in a place where you may interfere with another person's privacy.

Taking a photo

The camera will produce JPG photos.

When you take a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

1. Access the **Camera** menu or press and hold [📷] to turn on the camera.
2. Press [📷] to switch between the interior lens and exterior lens.
3. Aim the camera lens at the subject and adjust the image.
   - Press <▤> to use the camera options. See the next section.
   - Use the keypad to change the camera settings or switch to other modes. ▶ p. 39

4. Press [Centre] to take a photo. The photo is saved in the **Pictures** folder.

   Hold the phone still for one or two seconds after pressing the camera shutter key to allow the image data to process.

5.

To	Press
use photo options	<▤>. ▶ p. 39
send the photo via MMS or postcard	[Centre].
delete the photo	[**C**] and then <**Yes**>.
return to Capture mode	<↩>.

Using camera options in Capture mode

In Capture mode, press <▤> to access the following options:

- **Take photo**: take a photo.
- **Switch camera**: switch between the interior lens and exterior lens.
- **Shooting mode**: take a photo in the following modes:

  Single shot: take a photo in the normal mode.

  Multi-shot: take several action stills. You can select the number of still images the camera will take.

  Mosaic shot: take several stills and save them in one frame. You can select the layout. Press [Centre] to take each photo.

- **Effects**: change the colour tone of the image or apply a special effect.
- **Frames**: apply a decorative frame.
- **Timer**: set a time delay before the camera takes a photo.
- **Zoom**/**Hide zoom**: display the zoom control bar, or hide the control bar.
- **Brightness**/**Hide brightness**: display the brightness control bar, or hide the control bar.
- **Record video**: switch to Record mode.
- **Go to photos**: access the photos you have taken.
- **Camera settings**: change the default settings for taking a photo.

  Size: select an image size.

  Quality: select an image quality.

  Viewfinder: select a preview screen mode.

  Shutter sound: select a camera shutter sound.

  Multi-shot speed: select the shutter speed between each shot in Multi-Shot mode.

  Single shot mode: set whether or not the preview screen is displayed after taking a photo in Single Shot mode.

  Default name: change the default prefix of the file name.

- **Camera shortcuts**: display the functions of the keys you can use in Capture mode.

Using the keypad in Capture mode

You can use the keypad to customise your camera settings in Capture mode.

Key	Function
Right	Switches to Record mode. ▶ p. 40
Up/Down	Zooms in or out. (Not available for the maximum size, 640*480)
▲	Flips the image vertically.
▼	Shows the mirror image.
1	Changes the image size.
2	Changes the image quality.
3	Changes the shooting mode, the number of photos for multi-shots, and the layout for mosaic shots.
4	Sets a time delay before the camera takes a photo.
5	Adds a decorative frame.
6	Changes the colour tone of the image or apply a special effect.
0	Accesses the photos you have taken. ▶ p. 53
#	Changes a preview screen mode.

Using photo options

After saving a photo, press < > to access the following options:

- **Send**: send the photo via MMS, postcard, Bluetooth, or the infrared port. You can also send the photo to the online media album, if provided.
- **Delete**: delete the photo.
- **Viewfinder**: return to Capture mode.
- **Set as**: set the photo as your wallpaper for main display or external display, or as a caller ID image for a Contacts entry.
- **Edit photo**: edit the photo and save it as a different name. ▶ p. 54
- **Rename**: change the name of the photo.
- **Go to photos**: access the photos you have taken.
- **Lock**/**Unlock**: lock the photo to prevent it from being deleted, or unlock the photo.
- **Hidden from bluetooth**/**Visible to bluetooth**: hide the photo so that other Bluetooth devices cannot access it, or not.
- **Details**: access the photo details.

Taking and sending a photo as a postcard

You can send a photo as a postcard.

☑ This feature may not be available, depending on your country.

1. After taking a photo, press [Centre] and select **As postcard**.
2. Enter the postcard message.
3. When you have finished, select the **[Recipient]** line and select a recipient adding option.
4. If you select **Contacts**, select a postal address.

   To send the postcard, press <**Options**> and select **Send**.
5. If you select **New address**, specify the destination information: Name, Additional information, Address, Post Code, City, County, and Country.

   To send the postcard, press [Centre].

Recording a video

You can use your phone just like a camcorder to record what is currently displayed on the camera screen and save it as a video file. The camera will produce 3gp video clips.

1. Access the **Camera** menu or press and hold [📷] to turn on the camera.
2. Press [Right] to switch to Record mode.
3. Press [📷] to switch between the interior lens and exterior lens.
4. Aim the camera lens at the subject and adjust the image.
   - Press <📄> to use the camera options. See the next section.
   - Use the keypad to change the camera settings or switch to other modes. ▶ p. 41
5. Press [Centre] to start recording.

   To pause, press <**Pause**>.
6. When you have finished, press [Centre]. The video is saved in the **Videos** folder.
7.

To	Press
play back	[Centre]. ▶ p. 41
use video options	<**Options**>. ▶ p. 41
return to Record mode	<**Back**>.

Using camera options in Record mode

In Record mode, press <📄> to access the following options:

- **Record video**: start recording.
- **Switch camera**: switch between the interior lens and exterior lens.
- **Effects**: change the colour tone of the image or apply a special effect to the image.
- **Timer**: set a time delay before the camera starts recording.
- **Zoom**/**Hide zoom**: display the zoom control bar, or hide the control bar.

- **Brightness**/**Hide brightness**: display the brightness control bar, or hide the control bar.
- **Take photo**: switch to Capture mode.
- **Go to videos**: access the video clips you have recorded.
- **Video settings**: change the following settings for recording a video:

  Recording time: select a video recording mode.

  If you select **Limit for MMS**, you can record a video suitable for an MMS message.

  Size: select an image size.

  Quality: select an image quality.

  Audio recording: turn the audio on or off.

  Default name: change the default prefix of the video name.
- **Camcorder shortcuts**: display the functions of the keys you can use in Record mode.

Using the keypad in Record mode

You can use the keypad to customise your camera settings in Capture mode.

Key	Function
Left	Switches to Capture mode. ▶ p. 37
Up/Down	Zooms in or out.
▲	Flips the image vertically.
▼	Shows the mirror image.
1	Changes the frame size.
2	Changes the recording quality.
3	Changes the video recording mode.
4	Sets a time delay before the camera starts recording.
5	Turns the audio on or off.
6	Changes the colour tone of the image or apply a special effect.
0	Accesses the video clips you have recorded. ▶ p. 55

Using video options

After saving a video clip, press <**Options**> to access the following options:

- **Play**: play back the video clip.
- **Send**: send the video clip via MMS, Bluetooth, or the infrared port. You can also send the video clip to the online media album, if provided.
- **Delete**: delete the video clip.
- **Viewfinder**: return to Record mode.
- **Rename**: change the name of the video clip.
- **Go to videos**: access the video clips you have recorded.
- **Lock**/**Unlock**: lock the video clip to prevent it from being deleted, or unlock the video clip.
- **Hidden from bluetooth**/**Visible to bluetooth**: hide the video clip so that other Bluetooth devices cannot access it, or not.

- **Details**: access the video clip details.
- **Player settings**: change the default settings for playing music files.

  Repeat: select a repeat mode.

  Volume: select a volume level.

  Show controller: display or hide the control bar of the Media player.

  Audio Skin: select a player skin.

Messaging *(Menu 5)*

Use the **Messaging** menu to send and receive short text messages, multimedia messages, and e-mails. You can also use configuration message, push message, voicemail, cell broadcast message, and postcard features.

To access this menu, press <**Menu**> in Idle mode and select **Messaging**.

Create message *(Menu 5.1)*

Use this menu to create and send text messages, multimedia messages, e-mails, or postcards.

Message *(Menu 5.1.1)*

You can create and send text messages and multimedia messages.

If you add data or subject to a text message while composing, the phone will automatically send the message via MMS.

Writing and sending a text message

Short Message Service (SMS) allows you to send or receive text messages.

☑ The maximum number of characters allowed in a short message varies by Vodafone. If your message exceeds the maximum number of characters, the phone will split the message.

1. Enter your message.

   Press <**Options**> and select **Insert** to add a text template, emoticon, contact entry, or bookmark.
2. When you have finished, press [Centre] and select **Add recipients** → a recipient adding option.
3. If you select **Contacts** or **Group**, select a contact or group.

   To send the message, press [Centre] and select **Send**.
4. If you select **Manually**, enter a recipient's number.

   To send the message, press [Centre].

Writing and sending a multimedia message

Multimedia Message Service (MMS) delivers messages containing a combination of text, image, video, and sound, from phone to phone or from phone to e-mail.

1. Enter your message.

2. Press <**Options**> to access the following options to add files:
   - **Add item**: add a text, picture, sound, video, name card, or calendar item in data attachment format.

     Depending on the file type or DRM (Digital Rights Management) system, some files may not be able to be forwarded.

   - **Create item**: take a photo, record a sound, or record a video and add it to the message.
   - **Insert**: add a text template, emoticon, or contact entry, or bookmark.
3. When you have finished, press [Centre] and select **Add recipients** → a recipient adding option.
4. If you select **Contacts** or **Group**, select a number or e-mail address, or group.

   To send the message, press [Centre] and select **Send**.
5. If you select **Manually**, enter a recipient's number or e-mail address.

   To send the message, press [Centre].

live! Postcard *(Menu 5.1.2)*

Vodafone provides you with the postal service. Using the service, you can send a photo as a postcard along with a simple greeting.

- This feature may not be available, depending on the country.
- live! Postcard may be labelled differently in some countries.

1. Enter your message.

   Press <**Options**> and select **Insert** to add a text template, emoticon, contact entry, or bookmark.
2. Select the **Picture** line and select an image.
3. When you have finished, select the **[Recipient]** line and select a recipient adding option.
4. If you select **Contacts**, select a postal address.

   To send the postcard, press [Centre] and select **Send**.
5. If you select **New address**, specify the destination information: Name, Additional information, Address, Post Code, City, County, and Country.

   To send the postcard, press [Centre].

Email *(Menu 5.1.3)*

You can send and receive e-mails that include text, audio, and images. To use this feature, you need to subscribe to an e-mail service and set up your e-mail account. ▶ p. 51

1. Enter your message.

2. Press <**Options**> to access the following options to add files:
   - **Add item**: add a media file, name card, or calendar item in data attachment format.

     Depending on the file type or DRM (Digital Rights Management) system, some files may not be able to be forwarded.

   - **Create item**: take a photo, record a video, or record a sound and add it to the e-mail.
   - **Insert**: add a text template, emoticon, contact entry, or bookmark.
3. When you have finished, press [Centre] and select **Add recipients** → a recipient adding option.
4. If you select **Contacts** or **Group**, select a contact or group.

   To send the e-mail, press [Centre] and select **Send**.
5. If you select **Manually**, enter a recipient's e-mail address.

   To send the e-mail, press [Centre].

Inbox *(Menu 5.2)*

This folder stores all types of messages you have received, except for e-mails. MMS, SMS, voicemail, push messages from the web server, and configuration messages are stored here.

Viewing a message

The following icons are available on the message list, depending on the message type:

- SMS
- MMS notification
- MMS
- Configuration messages, containing network parameters from Vodafone
- CB messages
- Push messages

- Depending on the DRM (Digital Rights Management) system, you may not be able to forward some messages.
- A **!** icon shows that a message was sent with high priority. A grey icon means that the message is of low priority.

Using message options

While viewing a message, press <**Options**> to access the following options:

SMS messages

- **Reply**: reply to the sender.
- **Forward**: forward the message to other people.
- **Delete**: delete the message.
- **Move to SIM**/**Move to phone**: move the message between the phone's memory and the USIM/SIM card.

- **Add to Contacts**: extract phone numbers from the message and save them in Contacts.

MMS notifications/MMS messages

- **Retrieve**: retrieve the message from the server. This option is only available when you select an MMS notification.
- **Play**: open the message.
- **Reply**: send a reply to the sender.
- **Reply to all**: send a reply to all recipients.
- **Forward**: forward the message to other people.
- **Activate key**/**Reactivate key**: get a license key when the key for the selected DRM file expires.
- **Send to Album**: send the message to the online media album, if provided.
- **Delete**: delete the message.
- **Save as MMS template**: save the message as a template in the **MMS templates** folder.
- **Save items**: save media items from the message to the phone's memory.
- **Add to Contacts**: extract phone numbers or e-mail addresses from the message and save them in Contacts.
- **Details**: access the message details.

Configuration messages

- **Install**: apply the configuration value in the message to the phone.
- **Delete**: delete the message.

CB messages

- **Save**: save the message in the phone's memory.
- **Delete**: delete the message.

Push messages

- **Go to URL**: connect to the URL specified in the message.
- **Delete**: delete the message.

Email inbox *(Menu 5.3)*

This folder stores e-mails that you have received.

Viewing received e-mails

1. From the e-mail folder, press <**Options**>.
2. Select **Download** to get new e-mails from your server.

   The phone checks for new e-mails and downloads received e-mails. The icons tell you the status of each e-mail:

   - : Retrieved e-mail
   - : Retrieved e-mail with attachments.
   - : E-mail not retrieved

   A **!** icon shows that an e-mail was sent with high priority. A grey icon means that the e-mail is of low priority.
3. Select an e-mail or header.
4. If the e-mail has more than one page, press [▲/▼] to scroll through pages one by one.
5. Select an attached file to view or play it.

Using e-mail options

While viewing an e-mail, press <**Options**> to access the following options:

- **Retrieve**: (for e-mail headers) retrieve the body of the selected e-mail header from the e-mail server.
- **Add to Contacts**: extract phone numbers or e-mail addresses from the e-mail and save them in Contacts.
- **Reply**: send a reply to the sender.
- **Reply to all**: send a reply to all recipients.
- **Forward**: forward the e-mail to other people.
- **Delete**: delete the selected e-mail from the phone's memory or from both the phone's memory and the e-mail server.
- **Save items**: save the files attached to the e-mail in the phone's memory.
- **Block**: add the sender's e-mail address or the e-mail subject to the blocking list.
- **Details**: access the e-mail details.

While viewing the e-mail list, press <**Options**> to access the following options:

- **View**: display the message.
- **Reply**: send a reply to the sender.
- **Reply to all**: send a reply to all recipients.
- **Forward**: forward the e-mail to other people.
- **Download**: download new e-mails or headers from the e-mail server.
- **Delete selected**: delete the selected e-mail from the phone's memory, or from both the phone's memory and the e-mail server.
- **Delete all**: delete all e-mails from the phone's memory, or from both the phone's memory and the e-mail server.
- **Sort by**: change the sort order of the list.
- **Add to Contacts**: extract the sender's e-mail address from the e-mail and save it in Contacts.
- **Block address**: add the sender's e-mail address to the blocking list.
- **Email accounts**: select an account to be used or edit an account.
- **Details**: access the e-mail details.

Drafts *(Menu 5.4)*

This folder stores messages you have saved to send them at a later time while creating the message.

On the message list, press <**Options**> to access the following options:

- **Edit**: edit the selected message.
- **Send**: send the selected message.
- **Delete**: delete the selected message or all messages.
- **Sort by**: change the sort order of messages.
- **Details**: access the message details.

Outbox *(Menu 5.5)*

This folder stores messages you have failed to send or you are attempting to send.

The following icons indicates the sending status of messages:

- indicates the message is being sent.
- indicates the message has failed to send.

On the message list, press <**Options**> to access the following options:

- **Cancel sending**: cancel sending the message, if the message is being sent.
- **Edit**: edit the selected message.
- **Send again**: resend the message.
- **Delete**: delete the selected message or all messages.
- **Sort by**: change the sort order of messages.
- **Details**: access the message details.

Sentbox *(Menu 5.6)*

This folder stores messages that you have sent successfully.

On the message list, press <**Options**> to access the following options:

- **View**: display the selected message.
- **Forward**: forward the message to other people.
- **Delete**: delete the selected message or all messages.
- **Move to phone**/**Move to SIM**: move the message between the phone's memory and the USIM/SIM card.
- **Sort by**: change the sort order of messages.

Vodafone messenger *(Menu 5.7)*

Your phone is already set up for Vodafone's Instant Messaging service. You can chat via the Instant Messaging service using your mobile phone with your friends or family. Select the Vodafone messenger menu to use this service. More information about Vodafone messenger can be found on Vodafone's website, or by contacting customer service.

☑ This menu may not be available, depending on the country.

live! Studio *(Menu 5.8)*

You can access your live! Studio web page and upload media file (such as images, video clips, sound files, and music files) and multimedia messages to safe storage on the web. Register on the Vodafone website for your free live! Studio can be found on Vodafone's website, or by contacting customer service.

☑
- This menu may not be available, depending on the country.
- live! Studio may be labelled differently in some countries.

Call voicemail *(Menu 5.9)*

Use this menu to access the voicemail server.

Templates *(Menu 5.10)*

Use this menu to create, edit, and send text templates and MMS templates.

MMS templates *(Menu 5.10.1)*

Use this menu to preset frequently used MMS messages.

1. Press <**Options**> and select **Add new**.
2. Create a template as you would create an MMS message. ▶ p. 42
3. Move up to the subject field and enter the subject for the template.
4. When you have finished, press <**Options**> and select **Save as template**.

From the MMS template list, press <**Options**> to access the following options:

- **View**: open the template.
- **Edit and send**: edit and send the template via MMS.
- **Add new**: add a new template.
- **Delete**: delete the selected template or all templates.

Text templates *(Menu 5.10.2)*

Use this menu to preset frequently used text messages.

1. Press <**Add new**>.
2. Create a template as you would create an SMS message. ▶ p. 42
3. When you have finished, press [Centre].

From the text template list, press <**Options**> to access the following options:

- **Edit and send**: edit and send the template via SMS, MMS, postcard, or e-mail.
- **Add new**: add a new template.
- **Delete**: delete the selected template or all templates.

Delete all *(Menu 5.11)*

Use this menu to delete all of the messages in each message folder one by one, or all at once. You can also delete all of the messages in all folders at one time.

1. Press [Centre] to select the message folder(s) you want.
2. Press <**Delete**>.
3. Press <**Yes**> to confirm the deleting.

Settings *(Menu 5.12)*

Use this menu to set up various options for using messaging service.

MMS *(Menu 5.12.1)*

You can configure the default MMS settings.

- **Sending options**: set up the following options for sending MMS messages:

  Priority: set the priority level of your messages.

  Expiration: set the length of time your messages are stored in the MMS server.

  If you select **Custom time(Hour)**, specify the length of time you want.

  Delivery: set a time delay before messages are sent.

  Hide address: set your address to be hidden from the recipient's phone.

  Request delivery report: set the network to inform you when your message has been delivered successfully.

  Request read report: request a report from each recipient as to when your message was read by the recipient.

  Keep a copy: leave the copies of your messages in the **Sentbox** folder after sending.

- **Receiving options**: set up the following options for receiving MMS messages:

  Home network: determine if your phone retrieves new messages automatically when you are in your home service area.

  Foreign network: determine if your phone retrieves new messages automatically when you are roaming in another network.

  Home network and **Foreign network** have the following options:

  - **Auto download**: the phone automatically retrieves messages from the server.
  - **Manual**: the phone receives notifications first from the server. Use the **Retrieve** option to manually retrieve new messages.
  - **Restricted**: (for Foreign network) the phone receives notifications first from the server. When you attempt to download new messages, the phone informs you of additional charges.
  - **Reject**: the phone rejects all messages.

  Send delivery report: determine whether or not the phone sends a delivery report to a sender.

  Send read report: determine whether or not the phone sends a read-report to a sender.

  Reject unknown: reject messages from unknown senders.

  Reject advertisement: reject advertisements.

- **MMS profiles**: select a connection profile to be used for MMS. You can also make or edit a profile. ▶ p. 81
- **Message size**: select the maximum file size of MMS attachment. This file size may vary, depending on the country.

- **Creation mode**: select MMS creation mode. This option may not be available, depending on your country.

  Restricted: you are not able to create and send messages using unsupported file formats.

  Warning: the phone informs you when you create and send a message using unsupported file formats.

  Free: you can create and send messages adding unsupported file formats.
- **Default style**: customise the default settings for displaying a received MMS message on your phone.

  Font colour: select a font colour.

  Font style: select a font style.

  Background colour: select a background colour.

  Slide interval: select a length of time the display shows one page in a message.

SMS *(Menu 5.12.2)*

You can configure the default SMS settings.

- **Sending options**: set up the following options for sending an SMS message:

  Reply path: allow the recipient to reply to you through your SMS server.

  Delivery report: set the network to inform you when your message has been delivered.

  Network selection: select a preferred data transmission method, either GSM (CS) or GPRS (PS) network.

  Character support: select a character encoding type. If you select **Automatic**, the phone switches the encoding type from GSM-alphabet to unicode if you enter a unicode character. Use of unicode encoding will reduce the maximum of number in a message to about half. If this menu is not shown, your phone provides the automatic encoding by default.

  Keep a copy: leave the copies of your messages in the **Sentbox** folder after sending.
- **SMS centre settings**: select a profile to be used for SMS or set up the SMS server. Press <**Options**> and select **Edit** to access the following properties:

  Centre address: store or change the number of your message server.

  Expiration: set the length of time your messages are stored in the SMS server.

  Default type: set the default message type. The network can convert messages into the selected format.

  Name: enter a profile name.

Email *(Menu 5.12.3)*

You can configure the default e-mail settings.

- **Sending options**: set up the following options for sending an e-mail:

From: enter a sender name.

Send account: select the default account.

Priority: change the priority level of your e-mails.

Keep a copy: leave the copies of your e-mails in the **Sentbox** folder after sending.

Include body when replying: set whether or not the phone includes the original e-mail text in a reply.

Request read report: request a report from each recipient as to when your e-mail was read by the recipient.

Request delivery report: set the network to inform you when your e-mail has been delivered.

Add my contact details: allow your contact information to be attached to e-mails.

Add signature: allow your signature to be inserted to e-mails.

Input signature: make your signature.

- **Receiving options**: set up the following options for receiving an e-mail:

  Set download limit: determine the maximum size for incoming e-mails. Your phone will reject e-mails that exceed the specified size.

  Send read report: determine whether or not the phone sends a read-report to a sender.

  Block address: specify e-mail addresses from which messages will not be accepted.

  Block subject: specify e-mail subjects you will not accept.

- **Email profiles**: select a network connection profile to be used for sending and receiving e-mails. You can also make or edit a profile.
  ▶ p. 81

  ☑ You cannot change e-mail profile settings while an e-mail is being sent or retrieved.

- **Email accounts**: select an account to be used and set up e-mail accounts. Press <**Options**> and select **Edit** to access the following options:

  Account name: enter a name for the currently selected account.

  SMTP server: enter the IP address or domain name of the outgoing e-mail server.

  SMTP port: enter the SMTP port number.

  Use SSL: use the SSL (Secure Sockets Layer) protocol for accessing the SMTP server.

  Email retrieval server type: select the protocol for the incoming e-mail server. The remaining options depend on the protocol type setting.

  POP3 server/**IMAP4 server**: enter the IP address or domain name of the POP3 or IMAP4 server.

  POP3 port/**IMAP4 port**: enter the POP3 or IMAP4 port number.

  Use SSL: use the SSL (Secure Sockets Layer) protocol for accessing the POP3 or IMAP4 server.

IMAP4 retrieval option: (only for IMAP protocol): set whether the phone retrieves only new messages or all messages.

Keep on server: leave the copies of e-mails in the server after retrieving.

My address: enter your e-mail address.

User name: enter the user name for POP3 or IMAP4 server connection.

Password: enter the password for POP3 or IMAP4 server connection.

Use SMTP authentication: activate the SMTP authentication.

Same as POP3 / IMAP4: select if you want the SMTP server to have the same parameters as the POP3 or IMAP4 server.

User name: enter the user name for SMTP server connection.

Password: enter the password for SMTP server connection.

Push message *(Menu 5.12.4)*

You can set the phone to automatically or manually access the web server from which the message is sent when a new push message is received.

Broadcast *(Menu 5.12.5)*

Use this menu to change the settings for the broadcast message service.

- **Receiving options**: enable or disable the reception of broadcast messages.
- **Channel list**: specify the channels from which you receive broadcast messages.
- **Select language**: select the language(s) in which broadcast messages display.

Voicemail *(Menu 5.12.6)*

You can enter the number of the voicemail server.

Memory status *(Menu 5.13)*

Use this menu to view the memory status for SMS, MMS, e-mail, and push messages.

My files *(Menu 6)*

The **My files** menu allows you to access images, videos, ringtones, sounds, and other files stored in the phone's memory.

To access this menu, press <**Menu**> in Idle mode and select **My files**.

Tips for DRM

As a result of the DRM (Digital Rights Management) system, some of the media items you download from the Internet or receive by MMS may require a license key to access them.

You can acquire the key from the website which owns the rights to the content.

Note the following icons on the list:

- : Forwardable item with a valid key.
- : Forwardable item without a valid key.
- : Unforwardable item with a valid key.
- : Unforwardable item without a valid key.

Your service provider supports only count-based or unlimited access DRM files.

Pictures

This menu displays wallpaper images, photos you have taken, and images you have downloaded or received in messages. Files in formats, such as, gif, jpg, png, bmp, are stored here.

Viewing an image

Scroll to an image and press [Centre].

Using image options

While viewing an image file, press <**Options**> to access the following options:

- **Edit**: edit the image and save it as a different name. ▶ p. 54
- **Send**: send the selected file via MMS, postcard, e-mail, Bluetooth, or the infrared port. You can also send the file to the online media album, if provided. ▶ p. 61
- **Set as**: set the image as your wallpaper for the main display or external display, or a caller ID image for a Contacts entry.
- **Zoom**: zoom in or out.
- **Delete**: delete the file.
- **Rename**: change the name of the file.
- **Slide show**: set all images to display as a slide show.
- **Print via**: print the file by connecting the phone to a printer via USB or Bluetooth. ▶ p. 54
- **Lock**/**Unlock**: lock the file to prevent it from being deleted, or unlock the file.
- **Details**: access the file details.

While viewing the file list, press <**Options**> to access the following options:

- **View**: open the selected file.
- **Send**: send the selected file via MMS, postcard, e-mail, Bluetooth, or the infrared port. You can also send the file to the online media album, if provided. ▶ p. 61
- **Set as**: set the image as your wallpaper for the main display or external display, or as a caller ID image for a Contacts entry.
- **Sort by**: change the sort order of files.
- **Move to**: move the file to another folder or a site in the phone's memory.
- **Copy to**: copy the file to another folder or a site in the phone's memory.
- **Delete**: delete the file or all of the files stored in the folder.
- **Take photo**: switch to Capture mode to take a photo. ▶ p. 37

- **Rename**: change the name of the file.
- **Create folder**: create a new folder.
- **Hidden from bluetooth**/**Visible to bluetooth**: hide the file so that other Bluetooth devices cannot access it, or not.
- **Print via**: print the file by connecting the phone to a printer via USB or Bluetooth. ▶ p. 54
- **Lock**/**Unlock**: lock the file to prevent it from being deleted, or unlock the file.
- **Details**: access the file details.

Editing an image

1. Select an image.
2. Press <**Options**> and select **Edit**.
3. Press <**Options**> to access the following editing options:
   - **Save as**: save the image as a different name.
   - **Resize**: change the image size.
   - **Effects**: change the colour tone or apply a special effect.
   - **Partial effects**: apply a partial effect.
   - **Adjust**: adjust the image brightness, contrast, or colour balance.
   - **Frames**: apply a decorative frame.
   - **Cliparts**: add an image clip.
   - **Insert text**: add text, if the size of the image is 320*240 or 640*480.
   - **Rotate**: rotate the image 90 degrees clockwise or counterclockwise.
   - **Flip**: flip the image vertically or horizontally.
   - **Crop**: select a variously sized and shaped section of the image.
4. When you have finished, press <**Done**>.
5. Press [Centre] and enter a name for the image.
6. Press <**Save**> to save the image.

Printing an image

You can print images via a USB or Bluetooth connection.

☑
- Some image formats may be not compatible with the printer you use.
- Printing settings may vary depending on the printer you use.

Printing an image via a USB cable

1. Select an image.
2. Press <**Options**> and select **Print via** → **USB**.
3. Connect a USB cable to your phone and printer.
4. Specify the following printing settings:
   - **Paper size**: select a page size.
   - **Number of copies**: select the number of copies to be printed.
   - **Page format**: select a page format.
   - **Pages per sheet**: select a page layout.
   - **Print date**: set the current date to be printed.
   - **Border**: set a page border to be printed.

5. Press <**OK**> to preview the image.
6. Press <**Print**> to print it.
   To cancel printing, press <**Cancel**>.

Printing an image via a Bluetooth connection

1. Select an image.
2. Press <**Options**> and select **Print via** → **Bluetooth**. ▶ p. 78
3. Select the printer you want.
4. Press <**OK**> to print it.

Downloading an image

Use this menu to download an image from the web page provided by Vodafone.

1. On the Pictures screen, select **More pictures**.
2. Search for an image and follow the onscreen instructions to download it.

Videos

This menu displays video clips you have recorded, downloaded, or received in messages. Files in formats, such as, mp4, 3gp, rm, rv, are stored here.

☑ Video clips recorded on other devices, such as camcorders, may not play properly.

Playing a video clip

Scroll to a video clip and press [Centre]. ▶ p. 36

Using video options

During playback, press <**Options**> to access options. ▶ p. 36

While viewing the file list, press <**Options**> to access the following options:

- **Play**: play the file.
- **Send**: send the selected file via MMS, e-mail, Bluetooth, or the infrared port. You can also send the file to the online media album, if provided. ▶ p. 61
- **Sort by**: change the sort order of files.
- **Move to**: move the file to another folder or a site in the phone's memory.
- **Copy to**: copy the file to another folder or a site in the phone's memory.
- **Delete**: delete the file or all of the files stored in the folder.
- **Record video**: switch to Record mode to record a video. ▶ p. 40
- **Rename**: change the name of the file.
- **Create folder**: create a new folder.
- **Hidden from bluetooth**/**Visible to bluetooth**: hide the file so that other Bluetooth devices cannot access it, or not.
- **Lock**/**Unlock**: lock the file to prevent it from being deleted, or unlock the file.
- **Details**: access the file details.

Downloading a video clip

Use this menu to download a video clip from the web page provided by Vodafone.

1. On the Videos screen, select **More videos**.
2. Search for a video clip and follow the onscreen instructions to download it.

Sounds & Ringtones

This menu displays sound files you have downloaded or received in messages. You can also access the voice memos you have recorded. Files in formats, such as, mmf, imy, amr, mp3, aac, are stored here.

Playing a sound file

Scroll to a sound file and press [Centre].

If you select a voice memo, ▶ p. 66.

If you select a music file, ▶ p. 35.

During playback, use the following keys:

Keys	Description
Centre	Pauses or resumes playback.
Up	Opens the play list in the **Media player** menu.
Left	Goes to the previous file.
Right	Goes to the next file.
▲/▼	Adjusts the volume.
Down	Stops playback.

Using sound options

During playback, press <**Options**> to access the following options:

- **Pause**/**Resume**: pause or resume playback.
- **Stop**: stop playback.
- **Add bookmark**: save the current streaming page as a bookmark.
- **View bookmark**: display the URLs you have bookmarked for streaming media files.
- **View history**: display the URLs from which you have received streaming media services.
- **Open playlist**: open the play list in the **Media player** menu.
- **Details**: access the file details.
- **Player settings**: change the default settings for playing sound files.

  Repeat: select a repeat mode.

  Volume: select a volume level.

  Show controller: display or hide the control bar of the Media player.

  Audio Skin: select a player skin.

While viewing the file list, press <**Options**> to access the following options:

- **Play**: play the file.
- **Send**: send the selected file via MMS, e-mail, Bluetooth, or the infrared port. You can also send the file to the online media album, if provided. ▶ p. 61

- **Set as**: set the file as a ringer melody for a voice call or video call, or as a caller alert melody.
- **Sort by**: change the sort order of files.
- **Move to**: move the file to another folder or a site in the phone's memory.
- **Copy to**: copy the file to another folder or a site in the phone's memory.
- **Delete**: delete the file or all of the files stored in the folder.
- **Record sound**: (for voice memos) record a new voice memo.
- **Add to playlist**: (for music files) add the selected files to the music play list.
- **Rename**: change the name of the file.
- **Create folder**: create a new folder.
- **Hidden from bluetooth**/**Visible to bluetooth**: hide the file so that other Bluetooth devices cannot access it, or not.
- **Lock**/**Unlock**: lock the file to prevent it from being deleted, or unlock the file.
- **Details**: access the file details.

Downloading a sound file

Use this menu to download a sound file from the web page provided by Vodafone.

1. On the Sounds & Ringtones screen, select **More sounds & ringtones**.
2. Search for a sound file and follow the onscreen instructions to download it.

Games

This menu displays Java games and other applications you have downloaded or imported from a computer.

Using application options

While viewing the application list, press <**Options**> to access the following options:

- **Start**: launch the selected application.
- **Activate key**/**Reactivate key**: get a license key when the key for the selected DRM file expires.
- **Move to**: move the selected application to the **Applications** folder.
- **Copy to**: copy the selected application to the **Applications** folder.
- **Delete**: delete the selected application or all applications.
- **Lock**/**Unlock**: lock the application to prevent it from being deleted, moved, and copied, or unlock the application.
- **Details**: access the application details.
- **Permissions**: set whether or not the phone displays a security warning message when you use security functions.
- **Settings**: activate a connection profile to be used for accessing an application server. You can also make or edit a profile. ▶ p. 81

Downloading a Java game

You can download a Java game from the web page provided by Vodafone.

1. On the Games screen, select **More games**.
2. Search for a game and follow the onscreen instructions to download it.

Applications

This menu displays various applications you have downloaded or imported from a computer.

Using application options

While viewing the application list, press <**Options**> to access the following options:

- **Start**: launch the selected application.
- **Activate key**/**Reactivate key**: get a license key when the key for the selected DRM file expires.
- **Move to**: move the selected application to the **Games** folder.
- **Copy to**: copy the selected application to the **Games** folder.
- **Delete**: delete the selected application or all applications.
- **Lock**/**Unlock**: lock the application to prevent it from being deleted, moved, and copied, or unlock the application.
- **Details**: access the application details.
- **Permissions**: set whether or not the phone displays a security warning message when you use security functions.
- **Settings**: activate a connection profile to be used for accessing an application server. You can also make or edit a profile. ▶ p. 81

Downloading an application

You can download an application from the web page provided by Vodafone.

1. On the Applications screen, select **More applications**.
2. Search for an application and follow the onscreen instructions to download it.

Screensavers

This menu displays screensavers and other applications you have downloaded or imported from a computer.

Using screensaver application options

While viewing the application list, press <**Options**> to access the following options:

- **View**: display the application.
- **Activate key**/**Reactivate key**: get a license key when the key for the selected DRM file expires.
- **Set**/**Reset**: select the application, or deselect the application.
- **Delete**: delete the selected application or all applications.

- **Details**: access the application details.
- **Settings**: change the screensaver settings.

  Connections: activate a connection profile to be used for accessing an application server. You can also make or edit a profile. ▶ p. 81

  Time setting: select the length of time before the application starts.

Downloading a screensaver

You can download a screensaver from the web page provided by Vodafone.

1. On the Screen savers screen, select **More screensavers**.
2. Search for a screensaver and follow the onscreen instructions to download it.

Themes

This menu displays themes and other applications you have downloaded or imported from a computer.

Using application options

While viewing the application list, press <**Options**> to access the following options:

- **View**: display the selected application.
- **Set**: set the selected application to be used for the theme.
- **Send**: send the selected application via e-mail, Bluetooth, or the infrared port.
- **Sort by**: change the sort order of applications.
- **Move to**: move the selected application to another folder or a site in the phone's memory.
- **Copy to**: copy the selected application to another folder or a site in the phone's memory.
- **Delete**: delete the selected application or all applications.
- **Rename**: change the name of the application.
- **Create folder**: create a new folder.
- **Hidden from bluetooth**/**Visible to bluetooth**: hide the application so that other Bluetooth devices cannot access it, or not.
- **Lock**/**Unlock**: lock the application to prevent it from being deleted, or unlock the application.
- **Details**: access the application details.

Downloading a theme

You can download a theme from the web page provided by Vodafone.

1. On the Theme screen, select **More themes**.
2. Search for a theme and follow the onscreen instructions to download it.

Other documents

Use this menu to store various files and view document files and animations via File Viewer. You can also add contacts or calendar items stored here to Contacts or Calendar.

Adding an item

You can add contacts and calendar items stored here to **Contact** or **Calendar**.

1. Scroll to the contact or calendar item you want.
2. Press <**Options**> and select **Register to contact** or **Register to calendar**.

Viewing a file

You can view document files or play animations on the phone using File Viewer.

Viewing a document

The phone can display the following document file formats: doc, ppt, xls, pdf, and txt.

Depending on the file size or memory capacity of File Viewer, a file may not open properly.

Use the following keys to view the file:

Keys	Function
Centre	Fits the file to the page size.
Up/Down/ Left/Right	Pans the page.
▲ / ▼	Zooms in or out.
2	Returns to the first page.
4	Returns to the previous page.
5	Rotates the document 90 degrees clockwise or counterclockwise.
6	Moves to the next page.
8	Moves to the last page.
*	Changes the display to Full screen view or Normal screen view.

Using document options

While viewing a document, press <**Options**> for Normal screen view or <▤> for Full screen view to access the following options:

- **Full screen view**/**Normal view**: change the display to Full screen view or Normal screen view.
- **Zoom**: zoom in or out.
- **Fit to screen**: fit the document to the page size, screen width, or screen height.
- **Go to**: move to another page of the document.
- **Rotate**: rotate the document 90 degrees clockwise or counterclockwise.
- **Screen panning**: pan the page.
- **Hide controller**/**Show controller**: (for Full screen view) hide or display the Viewer control bar.
- **Send**: send the document via e-mail, Bluethooth, or the infrared port.
- **Delete**: delete the document.
- **Rename**: change the name of the document.

- **Hidden from bluetooth**/**Visible to bluetooth**: hide the document so that other Bluetooth devices cannot access it, or not.
- **Lock**/**Unlock**: lock the document to protect it from being deleted.
- **Details**: access the document details.
- **FileViewer shortcuts**: display the functions of the keys you can use while viewing the document.

Viewing an animation

The phone can display the following file formats: swf, svg, and svgz.

- Outdated version files may not play properly.
- The Viewer does not support audio.

Using animation options

While viewing an animation, press <**Options**> to access the following options:

- **Full screen view**/**Normal view**: change the display to Full screen view or Normal screen view.
- **Zoom**: zoom in or out.
- **Pause**: pause playing.
- **Resum**e: resume playing.
- **Quality**: select the image quality.
- **Rotate**: rotate the image 90 degrees clockwise or counterclockwise.
- **Set as**: set the image as your wallpaper for the main display.
- **Send**: send the image via e-mail or Bluethooth.
- **Delete**: delete the image.
- **Rename**: change the name of the image.
- **Hidden from bluetooth**/**Visible to bluetooth**: hide the image so that other Bluetooth devices cannot access it, or not.
- **Lock**/**Unlock**: lock the image to protect it from being deleted, unlock the file.
- **Details**: access the image details.

live! Studio

Use this menu to access live! Studio, the online media album, and upload media files (such as images, video clips, sound files, and music files) and multimedia messages to safe storage on the web. Register on the Vodafone website for your free live! Studio can be found on Vodafone's website or by contacting customer service.

- This feature may not be available, depending on the country.
- live! Studio may be labelled differently in some countries.

Memory status

Use this menu to view memory available for media files stored in the **My files** menu.

Organiser & Tools *(Menu 7)*

The Organiser & Tools feature enables you to create and manage your schedule and tasks, to set alarms, to record voice memos, to set time zone, and use the phone as a calculator and converter. You can also synchronise Contacts, Schedule, Tasks, Memo in the phone's memory with a web server.

To access this menu, press <**Menu**> in Idle mode and select **Organiser & Tools**.

Vodafone *(Menu 7.1)*

This is available if you use a SIM card that supports SIM Application Tool Kit menus and provides additional services, such as news, weather, sports, and location services. Available services may vary, depending on Vodafone's plans.

For further details, see your USIM/SIM card instructions or contact Vodafone.

Applications *(Menu 7.2)*

Use this menu to download and store various applications. ▶ p. 58

Alarms *(Menu 7.3)*

Use this menu to set alarms to ring at specific times. The alert type for a normal alarm corresponds to the call alert type settings in the currently selected profile. A wake-up alarm is not affected by your profile setting.

Setting an alarm

1. Select the type of alarm.
2. Specify the following alarm settings:
   - **Name**: (for a normal alarm) assign a name for the alarm.
   - **Alarm activation**: select **On** to activate the alarm clock.
   - **Alarm time**: enter the time for the alarm.
   - **Alert tone**: select an alarm tone.
   - **Repeat**: select a repeat option.
   - **Snooze**: set the alarm to snooze after 5 minutes.
3. Press [Centre] to save the alarm.

Stopping an alarm

When the alarm sounds, choose either of the following options to stop the alarm:

- Press <**OK**> to stop and confirm the alarm.
- If you want to use the snooze alarm, press <**Snooze**> to stop the alarm and cause it to sound after 5 minutes. You can do this a maximum of 5 times.

Deactivating an alarm

1. Select the alarm you want to deactivate.
2. Select **Off** on the **Alarm activation** line and press [Centre].

Setting the alarm to ring even if the phone is off

From the Alarm screen, select **Auto power** → **On**.

If the phone is off when it is time for the alarm to ring, the phone is switched on and sounds the alarm.

Calendar *(Menu 7.4)*

Use this menu to keep track of your schedule.

When you open the calendar, the current date is marked in red in Monthly view mode.

Selecting a day

- Press [Left] or [Right] to move by day.
- Press [Up] or [Down] to move by week.
- Press [▲/▼] to move by month.

Using calendar options

Press <**Options**> to access the following options:

- **View**: display the stored events for that date.
- **View mode**: change the calendar view mode.
- **Create**: add a new scheduled event, anniversary, holiday, task, or memo.
- **Go to**: go to the current date or a specific date.
- **Event list**: display all items of the selected event type.
- **Delete**: delete the selected event or the events for the specific period.
- **Settings**: change the default calendar settings. ▶ p. 77
- **Missed event alarm**: access the missed event alarms.
- **Memory status**: display the number of events of each type you have created, and the total number of events you can store.

Entering a new scheduled event

1. Select a date on the calendar.
2. Press <**Options**> and select **Create** → **Schedule**.
3. Enter information or change the settings:
   - **Title**: enter the title of the event.
   - **Details**: enter the event details.
   - **Start time** and **End time**: enter the starting and ending time for the event.
   - **Start date** and **End date**: enter the starting and ending dates for the event.
   - **Location**: enter information about the event location.
   - **Alarm**: select to set an alarm for the event. You can set how long before the event the alarm is to alert you and select an alarm tone.
   - **Repeat**: select to set the event to recur. You can select a repeat unit and set the date to end repeating.
   - **Expiry**: set when the event will be removed from the calendar.

4. Press [Centre] to save the event.

Entering a new anniversary

1. Select a date on the calendar.
2. Press <**Options**> and select **Create** → **Anniversary**.
3. Enter information or change the settings:
   - **Occasion**: enter information about the anniversary.
   - **Date**: enter the date.
   - **Alarm**: select to set an alarm for the anniversary. You can set how long before the anniversary the alarm is to alert you, enter the time, and select an alarm tone.
   - **Repeat every year**: select to set the phone to remind you of the anniversary every year.
4. Press [Centre] to save the anniversary.

Entering a holiday

1. Select a date on the calendar.
2. Press <**Options**> and select **Create** → **Holiday**.
3. Enter information or change the settings:
   - **Occasion**: enter information about the holiday.
   - **Date**: enter the date.
   - **Repeat every year**: select to set the phone to remind you of the holiday every year.
4. Press [Centre] to save the holiday.

Entering a task

1. Select a date on the calendar.
2. Press <**Options**> and select **Create** → **Tasks**.
3. Enter information or change the settings:
   - **Title**: enter the title for the task.
   - **Task**: enter the task content.
   - **Start date**: enter the starting date.
   - **Due date**: enter the ending date.
   - **Alarm**: select to set an alarm for the task. You can set how long before the task the alarm is to alert you, enter the time, and select an alarm tone.
   - **Priority**: select a priority level.
4. Press [Centre] to save the task.

Entering a memo

1. Select a date on the calendar.
2. Press <**Options**> and select **Create** → **Memo**.
3. Enter the memo text and press [Down].
4. Enter the date.
5. Press [Centre] to save the memo.

Viewing an event

1. Select a date on the calendar to display the events for that day. The list of events displays.

   The following icons indicate the type of events:

   - Scheduled events
   - Anniversaries
   - Holidays
   - Tasks
   - Memos

2. Select an event to view its details.

Using event options

From the event list, press <**Options**> to access the following options:

- **View**: access the selected event.
- **Create**: add a new scheduled event, anniversary, holiday, task, or memo.
- **Send schedule**: (for Schedule) send the scheduled event via MMS, e-mail, Bluetooth, or the infrared port.
- **Send task**: (for Tasks) send the task via MMS, e-mail, Bluetooth, or the infrared port.
- **View mode**: change the calendar view mode.
- **Completed**/**To do**: (for Tasks) change the status of the selected task.
- **Event list**: display all items of the selected event type.
- **Delete**: delete the selected event or all of the events for the selected day.
- **Save to My files**: (for Schedule/Task) save the selected event in the **Other documents** folder.
- **Send memo**: (for Memo) send the memo via SMS.
- **Settings**: change the default calendar settings. ▶ p. 77
- **Missed event alarm**: access the missed event alarms.
- **Memory status**: display the number of events you have created, and the total number of events you can store.

Viewing a different mode

By default, the calendar appears in Monthly view mode. You can change the calendar display to Weekly view mode or Daily view mode.

Press <**Options**> and select **View mode** → a view mode.

Weekly view mode

Use this view mode to view events for the selected week. The current date is marked in red.
Press [▲/▼] to access another week.

Select a date to display the events for that date.

Daily view mode

Use this view mode to view events for the selected date.

Select an event to view its details.

Accessing a missed event alarm

When you are unable to acknowledge an alarm for a scheduled event, anniversary, or task, the phone stores an missed event alarm until you confirm it.

1. Press <**Options**> and select **Missed event alarm**.
2. Select an event.
3. Press <**Confirm**> to confirm and delete the event.

Voice recorder *(Menu 7.5)*

Use this menu to record voice memos.

Recording a voice memo

1. Press [Centre] to start recording.
2. Speak into the microphone.
   Press [Centre] to pause or resume the recording.
3. When you have finished, press [Down]. The voice memo is automatically saved.
4.

To	Press
play back	[Centre].
use voice memo options	<**Options**>.
return to Record mode	[Up].

Playing a voice memo

1. From the voice memo screen, press <**Options**> and select **My sounds**.
2. Select a voice memo.

During playback, use the following keys:

Keys	Description
Centre	Pauses or resumes playback.
Left	Moves backward.
Right	Moves forward.
▲/▼	Adjusts the volume.
Down	Stops playback.

Using voice memo options

After recording a voice memo, press <**Options**> to access the following options:

- **Play**: play the voice memo.
- **Record**: record a new voice memo.
- **My sounds**: access the voice memos you have recorded. ▶ p. 58
- **Send**: send the voice memo via MMS, Bluetooth, or the infrared port.
- **Set as**: set the voice memo as a ringer melody for a voice call or video call, or as a caller alert melody.
- **Delete**: delete the voice memo.
- **Rename**: change the name of the voice memo.
- **Hidden from bluetooth**/**Visible to bluetooth**: hide the voice memo so that other Bluetooth devices cannot access it, or not.
- **Lock**/**Unlock**: lock the voice memo to protect it from being deleted, or unlock the voice memo.
- **Details**: access the voice memo details.
- **Record settings**: change the default settings for recording voice memos.

Changing voice memo settings

You can change the default settings for recording voice memos. Before recording a memo, press <**Options**> and select **Record settings**.

- **Default name**: change the default prefix of voice memos.

- **Recording time**: select a maximum recording time.

World clock *(Menu 7.6)*

Use this menu to find out what time it is in another part of the world.

Viewing a foreign time zone

1. From the world map, press [Left] or [Right] to select the city you want. As the time line moves, the time and date of the given zone display.
2. Press [Centre] to save the time zone.

Applying Daylight Savings Time (DST)

1. From the world map, press <**Options**> and select **Daylight saving**.
2. Press [Centre] to check the time zone to which you want to apply DST.
3. Press <**Done**>.
4. Press [Centre] to save the time zone.

PIM Sync *(Menu 7.7)*

Use this menu to synchronise personal data, such as contacts, scheduled events, tasks, and memos with the web server you have specified.

Creating a synchronisation profile

1. Press <**Add**>.
2. Specify the following information for the profile:
   - **Profile name**: enter a name for the profile.
   - **Sync category**: select the applications you want to synchronise with the server. You can also specify the site on the server to which you want to save the applications.
   - **Sync type**: select a synchronisation type.
   - **Sync server**: enter the web server address, or login ID and password.
   - **Network profile**: select a connection profile to be used for connecting to the web server. You can also make or edit a profile. ▶ p. 81
3. Press <**Save**> to save the profile.

Starting synchronisation

1. From the PIM sync screen, scroll to a profile you want.
2. Press [Centre] and press <**Continue**>.

Using synchronisation options

From the PIM sync screen, press <**Options**> to access the following options:

- **Start sync**: start a synchronisation for the selected profile.
- **View result**: show the result of the last synchronisation.
- **New sync profile**: add a new profile.
- **Edit sync profile**: change the properties of the profile.
- **Delete**: delete the selected profile or all profiles.

Calculator *(Menu 7.8)*

Use this menu to perform basic arithmetic functions such as addition, subtraction, multiplication, and division.

1. Enter the first number.
   - Press <**.()**> to include a decimal point or brackets.
   - Press [*] or [#] to move the cursor.
2. Enter the operation for your calculation by pressing the Navigation keys.
3. Enter the second number.
4. Press [Centre] to view the result.

Converter *(Menu 7.9)*

Use this menu for common conversions, such as currency and temperature.

Performing a conversion

1. Select the converter type you want.
2. Press [Left] or [Right] to select the original unit and press [Down].
3. Enter the value to be converted.
   - Press [#] to insert a decimal point.
   - Press [*] to change the temperature to above zero (+) or below zero (-).
4. Press [Down].
5. Press [Left] or [Right] to select the unit you want to convert to.

   The equivalent value for the amount you entered displays.

Using converter options

Press <**Options**> to access the following options:

- **View Rate**: (for Currency) display the currency rate list. You can edit the rate or add more currency rates.
- **Clear**: clear the current values.
- **Reverse**: reverse the conversion.

Memory status *(Menu 7.0)*

This menu displays the number of events of each type you have created on the calendar, and the total number of events you can store.

Contacts *(Menu 8)*

You can store phone numbers on your USIM/SIM card and in your phone's memory. The USIM/SIM card and phone's memory are physically separate, but they are used as a single entity called Contacts. You can also manage your contact entries.

To access this menu, press <**Menu**> in Idle mode and select **Contacts**.

Storing a new contact

You can add a new contact to Contacts.

Storing a contact in the phone's memory

1. Scroll to the **Contacts** tab.
2. Press <**Options**> and select **Create contact** → **Phone**.
3. Change the settings or enter information about the contact.
   - **First name**/**Last name**: assign a name.
   - **Display name**: assign a display name.
   - **Mobile-private**: add a mobile phone number.
   - **Landline-private**: enter a fixed phone number.
   - **Landline-business**: enter a fixed business phone number.
   - **Email**: assign an e-mail address.
   - **Homepage**: enter a homepage address.
   - **Group**: assign a caller group.
   - **Caller ID**: assign a caller ID image.
   - **Ringtone**: assign a ringtone to alert you to a call from the person
   - **Message tone**: select a message tone to alert you to a message from the person.
   - **Address-private**: enter a postal address. This field may not be available, depending on your country.
   - **Birthday**: enter the person's birthday.
   - **Note**: enter the additional note of the person.
4. If necessary, press <**Options**> to access the following options:
   - **Change type**: (for number type) change the selected number type.
   - **Add item**: add an additional category to the contact.
5. Press [Centre] to save the contact.

Storing a contact on the USIM/SIM card

1. Scroll to the **Contacts** tab.
2. Press <**Options**> and select **Create contact** → **SIM**.
3. Change the settings or enter information about the contact.
   - **Name**: assign a name.
   - **Phone number**: enter a phone number.
   - **Group**: (for USIM) assign a caller group.

- **Location**: assign a location number.

☑ When you are using an USIM card, press <**Options**> and select **Add item** to add the Email, Nickname, and Additional phone number categories.

4. Press [Centre] to save the contact.

Finding a contact

You can search for numbers in Contacts.

1. Scroll to the **Contacts** tab.
2. Enter the first few letters of the name that you want to find.
3. Select the contact you want from the Contacts list.
4. Scroll to a number and press [↘] to dial, or [Centre] to edit contact information.

Using contact options

While viewing the contact list, press <**Options**> to access the following options:

- **View**: view the contact details.
- **Voice call**: make a voice call.
- **Video call**: make a video call.
- **Create message**: send an SMS, MMS, postcard, or an e-mail.
- **Create contact**: add a new contact in Contacts.
- **Edit**: edit the contact information.
- **Duplicate**: make a copy of the contact.
- **Delete**: delete the contact or all contacts.
- **Save to My files**: save the contact in the **Other documents** folder.
- **Send contact details**: send the contact details via MMS, e-mail, Bluetooth, or the infrared port.
- **Assign speed dial**: assign a speed dial number. If the selected contact has more than one phone number, the speed dial number is assigned to first saved number by default.
- **My contact details**: access your name card.
- **Synchronise**: move to the **PIM Sync** menu.
- **Copy to phone**/**Copy to SIM**: copy the selected contact or all contacts to the phone's memory or the USIM/SIM card.
- **Service number**: display the list of Service Dialling Numbers (SDN) assigned by Vodafone, including emergency numbers, directory enquiries, and voicemail server number. This option is available only when supported by your USIM/SIM card.
- **Settings**: customise the contact settings. ▶ p. 77
- **Memory status**: view the number of contacts you have stored and total number of contacts you can store in Contacts.

Organising contacts in a group

You can organise your contacts in caller groups.

Creating a caller group

1. Scroll to the **Groups** tab.
2. Press <**Options**> and select **New group**.
3. If you are using an USIM card, select **Phone** or **SIM**.
4. Enter a name for the group and press <**Save**>.

Adding members to a caller group

1. Scroll to the **Groups** tab.
2. Select a group.
3. Press <**Options**> and select **Add member**.
4. Press [Centre] to select the contacts you want.
5. Press <**Add**>.

Managing caller groups

From the group list, press <**Options**> to access the following options:

- **View**: display the members of the selected group.
- **Create message**: send an SMS, MMS, or an e-mail.
- **New group**: add a new group.
- **Delete**: delete the selected group. Group members, however, will not be deleted from Contacts.
- **Rename**: change the name of the group.
- **Group settings**: assign an image and ringtone to the selected group.

Settings *(Menu 9)*

Use this menu to customise your phone settings. You can also reset the settings to their default values.

To access this menu, press <**Menu**> in Idle mode and select **Settings**.

Phone settings *(Menu 9.1)*

Many different features of your phone's system can be customised to suit your preferences.

Phone profiles *(Menu 9.1.1)*

Use this menu to adjust and customise the phone tone for different events or situations.

Editing a profile

1. Scroll to the profile you want to edit.
2. Press <**Options**> and select **Edit**.
3. Change the sound settings:
   - **Call alert type**: press [Centre] and select an alert type for the call ringer.
   - **Voice call ringtone**: press [Centre] and select a ring tone for the call ringer of voice calls.

- **Video call ringtone**: press [Centre] and select a ring tone for the call ringer of video calls.
- **Tone volume**: adjust the volume for the call ringer.
- **Message alert type**: press [Centre] and select an alert type for the message ringer.
- **Message alert tone**: press [Centre] and select a ring tone for the message ringer.
- **Message alert repetition**: select if the phone repeats reminding you of a new message.
- **Phone sounds**: press [Centre] and select the various sounds on the phone you want to turn on or off.

  Popup box alerts: cause the phone to beep when a pop-up window displays.

  Minute minder: cause the phone to beep every minute during an outgoing call to keep you informed of the length of your call.

  Call connect tone: cause the phone to beep when a call is connected to the system.

  Call end tone: cause the phone to beep when a call is disconnected by the other person or the faded signal.

  Power on: cause the phone to beep when you turn on the phone.

  Power off: cause the phone to beep when you turn off the phone.

  Open/close folder: cause the phone to sound when you open or close the phone.

  Alerts on call: cause the phone to beep when you receive a new message or when the time for an alarm comes during a call.
- **Key tones**: press [Centre] and select a tone which sounds when you press a key.
- **Key tone volume**: adjust the volume of the key tones.
- **Call answer mode**: (for Car) press [Centre] and select how to answer an incoming call.

  Normal: answer the phone by pressing [ ] or <**Accept**>, or open the phone.

  Any key: answer the phone by pressing any key, except for [ ], <**Reject**>, and [▲/▼].

  Automatic: automatically answer the phone after the specified length of time has elapsed. To select the length of time, press <**Options**> and select **Edit**.

4. When you have finished, press <**Options**> and select **Save**.

Changing an active profile

Select the profile you want.

Assign ringtone *(Menu 9.1.2)*

Use this menu to edit the currently active sound profile.

Phone language *(Menu 9.1.3)*

Use this menu to select one of several languages for the display text or the T9 input mode.

Shortcuts *(Menu 9.1.4)*

You can use the Navigation keys as shortcut keys to access specific menus directly from Idle mode. Use this menu to assign these shortcut assignments.

Assigning a shortcut to a key

1. Select the key to be used as a shortcut key.
2. Select the menu that will be assigned to the key.

Using shortcut options

From the Shortcuts screen, press <**Options**> to access the following options:

- **Assign**: assign a shortcut menu to an empty location.
- **Change**: change a shortcut menu.
- **Remove**: deactivate the shortcut assignment to the selected key.
- **Remove all**: deactivate all shortcut assignments.

Time & date *(Menu 9.1.5)*

Use this menu to change the current time and date displayed on your phone.

- **Time**: enter the current time.
- **Date**: enter the current date.
- **Time format**: select a 12-hour or 24-hour time format.
- **Date format**: select a date format.
- **Home zone**: select your home time zone. You can view the time difference between your home time zone and Green witch Mean Time (GMT). If you want to apply Daylight Savings Time (DST) to your time zone, check **Daylight saving**.
- **Automatic update**: select to receive time information from your network.

Side key *(Menu 9.1.6)*

Use this menu to set how the phone reacts when you press and hold [▲/▼] when a call comes in.

Anykey answer *(Menu 9.1.7)*

Use this menu to answer an incoming call by pressing any key, except for [ ], <**Reject**>, and [▲/▼].

Active folder *(Menu 9.1.8)*

Use this menu to answer incoming calls by opening the phone.

Display settings *(Menu 9.2)*

Use this menu to change the settings for the display and lighting.

Greeting message *(Menu 9.2.1)*

Use this menu to enter the greeting that is displayed on the main display or external display.

Wallpaper *(Menu 9.2.2)*

Use this menu to select a wallpaper type for the main display.

- **Pictures**: the phone displays the image you have set as wallpaper for the idle screen.
- **Use theme**: the phone uses the theme you have selected in the **Theme** menu.
- **None**: the phone doesn't display wallpaper.

Theme *(Menu 9.2.3)*

Use this menu to select a theme. The theme is a collection of Idle mode wallpaper, Menu mode wallpaper, power on/off image, voice/video call ringtone, and message alert tone assembled into one theme.

Sub LCD *(Menu 9.2.4)*

Use this menu to select a wallpaper type for the external display.

- **Clock**: the phone displays a clock. Press <**Options**> and select **Edit** to change the clock type.
- **Sub title**: the phone displays text. Press <**Options**> and select **Edit** to enter text.
- **Wallpaper**: the phone displays the wallpaper image. Press <**Options**> and select **Edit** to change the image.

Brightness *(Menu 9.2.5)*

Use this menu to adjust the brightness of the main display.

Backlight time *(Menu 9.2.6)*

You can change the settings for the backlight and icons for the external display.

- **On**: select the length of time the backlight stays on in times of inactivity.
- **Dim**: select the length of time the display is in Dimming mode after the backlight turns off.

Dialling display *(Menu 9.2.7)*

Use this menu to customise the settings for the screen and numbers while dialling.

- **Font size**: select a font size.
- **Font colour**: select a font colour.
- **Background colour**: select a background colour.

Messaging settings *(Menu 9.3)*

Use this menu to change the default settings for using the message feature. ▶ p. 49

Call settings *(Menu 9.4)*

Use this menu to set options for call functions.

All calls *(Menu 9.4.1)*

Use this menu to change the default settings for voice calls, video calls, and data calls.

- **Show my number**: prevent your phone number from being displayed on the phone of the person being called.

  If you select **By network**, the phone will use the default setting provided by the network.

  ☑ Some networks do not allow the user to change this setting.

- **Show Caller Information**: set the phone to display missed voice call notifications with the most recently missed caller's information.
- **Closed user group**: set incoming and outgoing calls to be restricted to a selected user group. For details about how to create a closed user group, please contact Vodafone.

  Use this user group: activate CUG index numbers.

  Outside access: enable calls to numbers other than those in the Closed user group. This feature depends on the nature of your CUG subscription.

  Default group: enable the default CUG, if you have set one with Vodafone. When making a call, you are given the option of using your default CUG, instead of selecting one from the list.

  Group index: add, delete, or activate CUG index numbers.
- **Auto redial**: set the phone make up to ten attempts to redial a phone number after an unsuccessful call.
- **Auto reject**: set the phone to reject a call from the unknown or specified numbers.

Voice call *(Menu 9.4.2)*

Use this menu to change the default settings for using the voice call feature.

Set a call diverting option

This network service reroutes incoming calls to a different phone number that you specify.

1. From the Voice call screen, select **Diverts**.
2. Select a call diverting option:
   - **Always**: divert all calls.
   - **Busy**: divert calls when you are on another call.
   - **No reply**: divert calls when you do not answer the phone.
   - **Unreachable**: divert calls when you are not in an area covered by Vodafone or when your phone is switched off.
   - **Cancel all**: cancel all call diverting options.
3. Enter the number to which the calls will be diverted in the **Divert to** line.
4. If you select **No reply**, move to the **Waiting time** line and select the length of time the network delays before diverting a call.
5. Press <**Options**> and select **Activate**.

   To deactivate the call diverting, select **Deactivate**.

Setting a call restriction option

This network service allows you to restrict your calls.

1. From the Voice call screen, select **Restrict calls**.
2. Select a call barring option:
   - **All outgoing calls**: prohibit outgoing calls.
   - **Outgoing intl calls**: prohibit international calls.
   - **Intl except home**: only allow calls to numbers within the current country when you are abroad, and to your home country.
   - **All incoming calls**: prohibit incoming calls.
   - **Incoming when roaming**: prohibit incoming calls when you use your phone outside of your home country.
   - **Cancel all**: cancel all call barring settings, allowing calls to be sent and received normally.
3. Enter the call barring password supplied by Vodafone.

   ☑ You can change the call barring password obtained from Vodafone. From the call type list, press <**Options**> and select **Change password**.

4. Press <**Options**> and select **Activate**.

   To deactivate the call barring, select **Deactivate**.

Setting a call waiting option

This network service informs you when someone is trying to reach you while you are on another call.

1. From the Voice call screen, select **Waiting**.
2. Press <**Options**> and select **Activate**.

   To deactivate the call waiting, select **Deactivate**.

Video call *(Menu 9.4.3)*

Use this menu to change the default settings for using the video call feature.

- **Show my picture**: set whether or not the phone displays your image on the other's phone via the camera. If you select **Always ask**, the phone will ask you to turn on the camera.
- **Select still picture**: select an image to be displayed on the other's phone if you will not show your image via the camera.
- **Retry with**: set how to retry when the phone fails to make a video call.
- **Diverts**: reroute incoming video calls to a different phone number that you specify. ▶ p. 75
- **Restrict calls**: restrict video calls. ▶ p. 76

Data call *(Menu 9.4.4)*

Use this menu to change the default settings for using the data call feature.

- **Diverts**: reroute incoming data calls to a different phone number that you specify. ▶ p. 75
- **Restrict calls**: restrict data calls. ▶ p. 76

- **Waiting**: set the network to inform you when someone is trying to reach you while on another call. ▶ p. 76

Contact settings *(Menu 9.5)*

Use this menu to set up the default contact settings.

Speed dial *(Menu 9.5.1)*

Use this menu to assign speed dial numbers (2 to 9) to eight of your most frequently called numbers.

Assigning speed dial entries

1. Select a key location from **2** to **9**. Key **1** is reserved for your voicemail server.
2. Press <**Assign**> and select the contact you want from the contact list.
3. Select a number, if the contact has more than one number.

Managing speed dial entries

While viewing the Speed dial screen, press <**Options**> to access the following options:

- **View**: display details about the speed dial entry.
- **Voice call**: make a voice call.
- **Video call**: make a video call.
- **Change**: assign a different number to an assigned key.
- **Remove**: clear the speed dial setting.

Dialling speed dial entries

Press and hold the appropriate key in Idle mode.

Save new contacts to *(Menu 9.5.2)*

Use this menu to select the default memory for saving a new contact. If you select **Always ask**, the phone will ask you to select a memory location when saving a new contact.

View contacts from *(Menu 9.5.3)*

Use this menu to select the default memory from which the phone will retrieve contacts when accessing Contacts.

Own number *(Menu 9.5.4)*

Use this feature to check your phone numbers, or to assign a name to each of the numbers. Changes made here do not affect the actual subscriber numbers on your USIM/SIM card.

Calendar settings *(Menu 9.6)*

Use this menu to change the default settings for the calendar.

- **Starting day**: select which day of the week the calendar starts with.
- **Default view mode**: select the default calendar view mode.

Connectivity *(Menu 9.7)*

Use this menu to set options for connection available on your phone.

Bluetooth *(Menu 9.7.1)*

Using Bluetooth wireless, you can connect the phone wirelessly to other Bluetooth devices and exchange data with them, talk hands-free, or control the phone remotely.

Bluetooth technology allows free wireless connections between all Bluetooth-compliant devices within a range of 10 metres. Since the devices communicate using radio waves, they do not need to be in line of sight to each other.

- If there are obstacles between the devices, the maximum operation distance may be reduced.
- It is recommended that you do not use the Bluetooth feature while using multimedia features such as voice recorder, camera, and Media player, or vice versa.
- Some devices may not be compatible with your phone.

Setting up the Bluetooth feature

The **Bluetooth** menu provides the following options:

- **Activation**: activate or deactivate the Bluetooth feature.
- **My devices**: search for connectable Bluetooth devices. See the next section.
- **My phone's visibility**: set your phone to be visible to other Bluetooth devices.
- **My phone's name**: assign a Bluetooth device name to your phone, which is then displayed on other devices.
- **Secure mode**: determine if the phone asks for your confirmation when other devices access your data.
- **Answering mode**: select how to answer an incoming call when the phone is connected to the Bluetooth headset or hands-free car kit

  Normal: answer the phone by pressing [ ] or <**Accept**>, or open the phone.

  Any key: answer the phone by pressing any key, except for [ ], <**Reject**>, and [ ].

  Automatic: automatically answer the phone after the specified length of time has elapsed. To select the length of time, press <**Options**> and select **Edit**.
- **Bluetooth service**: display available Bluetooth services.

Searching for and pairing with a Bluetooth device

1. From the Bluetooth setting options, select **My devices**.
2. Select **Search for new device**.

After searching, a list of devices to which you can connect displays. The following icons indicate the type of device:

- Mobile phone
- PDA
- Computer
- Printer
- Headset or hands-free car kit
- Unknown device

3. Select a device.
4. Enter a Bluetooth PIN and press <**OK**>. This PIN is used just once and you don't need to memorise it.

   When the owner of the other device enter the same code, pairing is finished.

Some devices, especially headsets or hands-free car kits, may have a fixed Bluetooth PIN, such as **0000**. If the other device has one, you must enter the code.

Using device options

From the device list, press <**Options**> to access the following options:

- **Browse device**: search for data from the selected device and import data directly to your phone.
- **Connect**: connect to the currently selected device. You need to enter the Bluetooth PIN.
- **Disconnect**: end the connection with the device.
- **Authorise device**/**Unauthorise device**: determine if the phone asks you to permit connection when other devices try to connect to your phone.
- **Delete**: delete the device or all devices.
- **Rename**: change the name of the device.

Sending data via Bluetooth

1. Activate the Bluetooth feature.
2. Select the application, **Contacts**, **My files**, or **Calendar**, in which the item you want to send is stored.
3. Scroll to the item you want and press <**Options**>.
4. Select **Send contact details**/**Send schedule**/**Send task** → **Via bluetooth**.

   The phone searches for devices within range and displays a list of available devices.
5. Select a device.
6. If necessary, enter the Bluetooth PIN needed for pairing and press <**OK**>.

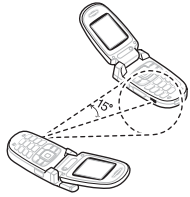
Receiving data via Bluetooth

1. Activate the Bluetooth feature.
2. Set your phone to be visible to other Bluetooth devices in the **My phone's visibility** option.
3. Leave the phone open until other Bluetooth devices search your phone.
4. If an unauthorised Bluetooth device sends data to your phone, press <**Yes**> to receive data.

Infrared *(Menu 9.7.2)*

Use this feature to send and receive data through the infrared port. To use an infrared connection, you must do the following:

- Configure and activate an IrDA-compliant infrared port on the other device.
- Activate the infrared feature on your phone; select **Infrared** → **On**.
- Align the IrDA port on the phone with the IrDA port on the other device.



If there is no communication between your phone and the other IrDA-compliant device within 2 minutes of activating the feature, it is automatically deactivated.

Network selection *(Menu 9.7.3)*

Use this menu to select to either automatically or manually select the network used when roaming outside of your home area. You can select a network other than your home network only if there is a valid roaming agreement between the two.

Network mode *(Menu 9.7.4)*

Use this menu to select the network you use.

- **Automatic**: the phone scans for available networks.
- **GSM 900/1800**: the phone operates in the combined GSM 900/1800 network.
- **GSM 1900**: the phone operates in the GSM 1900 network. This option is only available in USA.
- **UMTS**: the phone operates in UMTS (3G network) networks. You can get a higher speed quality than on lower generation networks, and use advanced data and information services, such as video calls.

Preferred networks *(Menu 9.7.5)*

Use this menu to add a new network to your preferred network list, if your USIM/SIM card support it.

Adding a network

1. From the preferred network list, press <**Options**>.
2. Select **Insert** or **Add** → **Network list**.

   If you select **Add** → **Network list**, the network will be added to the end of the network list.
3. Select the network you want.

Creating and adding a network

1. From the preferred network list, press <**Options**>.
2. Select **Insert** or **Add** → **New network**.

   If you select **Add** → **Network list**, the network will be added to the end of the network list.

3. Enter the following properties:
   - **Country code**: enter the country code.
   - **Network code**: enter the network code provide by the network operator.
   - **Network name**: enter the name for the network.
   - **Network type**: select a network type.
4. Press [Centre] to add the network.

Connections *(Menu 9.7.6)*

You can set up information about your network connection. In most cases, you don't need to change the settings. In case of problems, please contact Vodafone.

Creating a connection profile

Press <**Options**> and select **New** to set up the following options:

- **Set name**: edit the name of the network setting.
- **Access name**: edit the access point name used for the address of the GPRS network gateway.
- **Authorisation type**: choose the type of authorisation used.
- **User ID**: edit the server login ID.
- **Password**: edit the server password.
- **Protocol**: select a protocol from **WAP**, **HTTP**, and **Other**.
- **Home URL**: enter your homepage address.
- **Proxy address**/**Port**: (for the HTTP protocol) set the proxy server address and port.
- **Gateway address**: (for the WAP protocol) set the gateway address.
- **Secure connection**: (for the WAP protocol) turn the secure mode on or off.
- **Log-in timeout (sec.)**: set a time period after which the network is disconnected if there has been no new data traffic in that time.
- **Advanced settings**: provide you with the following options:

  Static IP: specify if you want to manually enter an IP address; see the Local phone IP option. If you want the IP address to be automatically assigned by the server, remove the check mark.

  Local phone IP: enter the IP address obtained from the network operator, if you checked the Static IP option.

  Static DNS: specify if you want to manually enter the DNS (Domain Name Server) address; see the Server 1/2 option. If you want the address to be automatically assigned by the server, remove the check mark.

  Server 1/**2**: enter the DNS addresses.

  Traffic class: select the traffic class, if you selected the GPRS (PS) network.

Managing connection profiles

On the list of connection profiles, scroll to a profile and press <**Options**> to access the following options:

- **Edit**: edit the selected connection profile.
- **New**: add a new connection profile.
- **Rename**: change the name of the connection profile.
- **Delete**: delete the selected connection profile.
- **Restore**: restore the default settings.

☑ You cannot edit or delete the default connection profiles.

Browser profiles *(Menu 9.7.7)*

Use this menu to select a connection profile for accessing the web browser. You can also make or edit a profile. ▶ p. 81

Streaming settings *(Menu 9.7.8)*

Use this menu to select a connection profile for accessing streaming servers. You can also make or edit a profile. ▶ p. 81

Security *(Menu 9.8)*

Use this menu to protect the phone against unauthorised use by managing the several access codes of your phone and the USIM/SIM card.

☑ If you enter an incorrect PIN/PIN2 three times in succession, the USIM/SIM card is blocked. To unblock it, you need to enter your PUK/PUK2 (Personal Unblocking Key). The codes are supplied by your network operator.

Phone lock *(Menu 9.8.1)*

The Phone lock feature locks the phone from unauthorised use.

When this feature is enabled, you must enter a 4- to 8-digit phone password each time the phone is switched on.

The password is preset to **00000000**. To change the password, use the **Change phone password** menu.

SIM lock *(Menu 9.8.2)*

The SIM Lock feature allows your phone to work only with the current SIM by assigning a SIM lock code. You must enter the SIM lock code to use a different SIM card.

PIN lock *(Menu 9.8.3)*

The 4- to 8-digit PIN (Personal Identification Number) protects your SIM card against unauthorised use. When this feature is enabled, the phone requires your PIN each time it is switched on.

Fixed dialling mode *(Menu 9.8.4)*

If supported by your USIM/SIM card, Fixed Dialling Number (FDN) mode restricts your outgoing calls to a limited set of phone numbers. When this feature is enabled, you can make calls only to phone numbers specified in the USIM/SIM card.

Change phone password *(Menu 9.8.5)*

Use this menu to change your phone password. The password is preset to **00000000**.

Privacy lock *(Menu 9.8.6)*

Use this menu to lock your messages, media content, contacts, call logs, and calendar items.

1. Press [Centre] to select the items.
2. Press <**Save**> to lock the marked items.
3. Enter the phone password and press <**Confirm**>.

To access a locked item, you need to enter the phone password.

Change PIN code *(Menu 9.8.7)*

Use this menu to change your PIN. The PIN Check feature must be enabled to use this feature.

Change PIN2 code *(Menu 9.8.8)*

If supported by your USIM/SIM card, the Change PIN2 feature changes your current PIN2.

Memory settings *(Menu 9.9)*

Use this menu to clear memories or to reset the phone. You can also set the default memory location and view the memory status.

Phone memory *(Menu 9.9.1)*

Use this menu to delete data in the phone's memory or reset your phone.

Deleting data

You can delete messages, media content, contacts, calendar items, and DRM activation keys. You can also delete all data at one time.

1. Select **Clear memory**.
2. Press [Centre] to select the data you want to delete.
3. Press <**OK**>.
4. Enter the password and press <**Confirm**>.

   ☑ The password is preset to **00000000**. You can change this password. ▶ p. 82

5. Press <**Yes**> to confirm the deleting.

Resetting the phone

You can reset the phone to its default settings.

1. Select **Master reset**.
2. Enter the password and press <**Confirm**>.

   ☑ The password is preset to **00000000**. You can change this password. ▶ p. 82

3. Press <**Yes**>. The phone automatically turns itself off and then back on.

Memory status *(Menu 9.9.2)*

Use this menu to check the amount of memory being used for storing data, such as SMS, MMS, e-mails, push messages, media content, contacts, and calendar items. You can also view the amount of shared memory.

Solve problems

Help and personal needs

To save the time and expense of an unnecessary service call, perform the simple checks in this section before contacting a service professional.

When you switch on your phone, the following messages may appear:

"Please insert SIM card"

- Be sure that the SIM card is correctly installed.

"Phone lock"

- The automatic locking function has been enabled. You must enter the phone's password before you can use the phone.

"PIN lock"

- You are using your phone for the first time. You must enter the PIN supplied with the SIM card.
- The PIN check feature is enabled. Every time the phone is switched on, the PIN has to be entered. To disable this feature, use the **PIN lock** menu.

"PUK lock"

- The PIN was entered incorrectly three times in succession, and the SIM card is now blocked. Enter the PUK supplied by your service provider.

“No service,” “Network failure,” or “Not done” displays

- The network connection has been lost. You may be in a weak signal area. Move and try again.
- You are trying to access an option for which you have no subscription with your service provider. Contact the service provider for further details.

You have entered a number but it was not dialled

- Be sure that you have pressed [ ].
- Be sure that you have accessed the right cellular network.
- Be sure that you have not set an outgoing call barring option.

Your correspondent cannot reach you

- Be sure that your phone is switched on. ([ ] pressed for more than one second.)
- Be sure that you are accessing the correct cellular network.
- Be sure that you have not set an incoming call barring option.

Your correspondent cannot hear you speaking

- Be sure that you have switched on the microphone.
- Be sure that you are holding the phone close enough to your mouth. The microphone is located at the bottom of the phone.

The phone starts beeping and “Battery low” flashes on the display

- Your battery is insufficiently charged. Recharge the battery.

The audio quality of the call is poor

- Check the signal strength indicator on the display ( ). The number of bars indicates the signal strength from strong ( ) to weak ( ).
- Try moving the phone slightly or moving closer to a window if you are in a building.

No number is dialled when you re-call a Contacts entry

- Use the Contacts feature to ensure the number has been stored correctly.
- Re-store the number, if necessary.

The battery doesn't charge properly or the phone sometimes turns itself off

- Wipe the charging contacts both on the phone and on the battery with a clean soft cloth.

If the above guidelines do not help you to solve the problem, take note of:

- The model and serial numbers of your phone
- Your warranty details
- A clear description of the problem

Then contact your local dealer or Samsung after-sales service.

SAR certification information

THIS MODEL MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES.

Your mobile phone is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. The guidelines were developed by independent scientific organisation ICNIRP and include margins designed to assure the protection of all persons, regardless of age and health.

This guidelines use a unit of measurement known as Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2.0 W/kg and the highest SAR value for this device when tested at the ear was 0.770 W/kg.* As mobile phones offer a range of functions, they can be used in other positions, such as on the body as described in this User's Guide.** In this case, the highest tested SAR value is 0.659 W/kg.

* The tests are carried out in accordance with international guidelines for testing.

** For body worn operation, this model phone has been tested and meets the RF exposure guidelines when used with a Samsung-supplied or approved accessory designated for this product or when used with an accessory that contains no metal and that positions the headset minimum of 1.5 cm from the body.

As SAR is measured utilizing the devices highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a 'hands-free' device to keep the mobile phone away from the head and body.

Precautions when using batteries

- Never use a charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power. Talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge, the type of battery, and the charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time is noticeably shorter than normal, it is time to buy a new battery.

- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers. Disconnect the charger from the power source when it is not in use. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places because the capacity and lifetime of the battery will be reduced. Try to keep the battery at room temperature. A phone with a hot or cold battery may not work temporarily, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0°C (32°F).
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object like a coin, clip or pen causes a direct connection between the + and – terminals of the battery (metal strips on the battery). For example, do not carry a spare battery in a pocket or bag where the battery may contact metal objects. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Road safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone while driving, follow local regulations in the country or region you are in.

Operating environment

Remember to follow any special regulations in force in the area you are in, and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

Electronic devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research and recommendations of Wireless Technology Research. If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

Other medical devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy.

Your physician may be able to assist you in obtaining this information.

Switch off your phone in health care facilities when regulations posted in these areas instruct you to do so.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle.

You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted facilities

Switch off your phone in any facility where posted notices require you to do so.

Potentially explosive environments

Switch off your phone when in any area with a potentially explosive atmosphere, and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch off the phone while at a refuelling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include the areas below decks on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas, such as propane or butane, areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency calls

This phone, like any wireless phone, operates using radio signals, wireless, and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications like medical emergencies.

To make or receive calls, the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. Switch on the phone.
2. Key in the emergency number for your present location. Emergency numbers vary by location.
3. Press [↘].

Certain features like Call Barring may need to be deactivated before you can make an emergency call. Consult this document and your local cellular service provider.

Other important safety information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the phone, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. Improperly installed wireless equipment could result in serious injury if the air bag inflates.

- Switch off your phone before boarding an aircraft. It is dangerous and illegal to use wireless phones in an aircraft because they can interfere with the operation of the aircraft.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Care and maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep your phone and all its parts and accessories out of the reach of small children and pets. They may inadvertently damage these things or choke on small parts.
- Keep the phone dry. Precipitation, humidity, and liquids contain minerals that corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock, or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, stove, or radiator. The phone may explode when overheated.
- When the phone or battery gets wet, the label indicating water damage inside the phone changes colour. In this case, phone repairs are no longer guaranteed by the manufacturer's warranty, even if the warranty for your phone has not expired.
- If your phone has a flash or light, do not use it too close to the eyes of people or animals. This may cause damage to their eyes.

- Use only the supplied or an approved replacement antenna. Unauthorised antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger, or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

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Declaration of Conformity (R&TTE)

For the following product :

GSM900/GSM1800/GSM1900/WCDMA

with Bluetooth

(Product description)

SGH-ZV10

(Model name)

Manufactured at :

- Samsung Electronics Co., Ltd, 94-1, Imsoo-Dong, Gumi City, Kyung-Buk, Korea, 730-350

(factory name, address)

to which this declaration relates, is in conformity with the following standards and/or other normative documents.

Safety	:	EN 60950-1:2001
EMC	:	EN 301 489-01 v1.4.1 (2002-08) EN 301 489-07 v1.2.1 (2002-08) EN 301 489-17 v1.2.1 (2002-08) EN 301 489-24 v1.2.1 (2002-11)
SAR	:	EN 50360:2001 EN 50361:2001
Network	:	EN 301 511 v9.0.2 (2003-03) EN 301 908-1 v2.2.1 (2003-10) EN 301 908-2 v2.2.1 (2003-10) EN 300 328 v1.6.1 (2004-11)

We hereby declare that [all essential radio test suites have been carried out and that] the above named product is in conformity to all the essential requirements of Directive 1999/5/EC.

The conformity assessment procedure referred to in Article 10 and detailed in Annex[Ⅳ] of Directive 1999/5/EC has been followed with the involvement of the following Notified Body(ies):

BABT, Balfour House, Churchfield Road,
Walton-on-Thames, Surrey, KT12 2TD, UK
Identification mark: 0168

CE 0168

The technical documentation kept at :

Samsung Electronics QA Lab.

which will be made available upon request.
(Representative in the EU)

Samsung Electronics Euro QA Lab.
Blackbushe Business Park,Saxony Way,
Yateley, Hampshire,GU46 6GG, UK

2005.08.19

(place and date of issue)

Yong-Sang Park / S. Manager

(name and signature of authorized person)

✱ It is not the address of Samsung Service Centre. For the address or the phone number of Samsung Service Centre, see the warranty card or contact the retailer where you purchased your phone.